



DDC

3222 N. 6th Mile Rd
Casper, WY 82604**RM-141319**

5":100' - MD

12/27/2014 6:43:14 AM

Oper. Company: Noble Energy**Country:** United States**State / Province:** Colorado**County / Parish:** Weld**Started:** 12/23/2014 05:00 PM**API/UWI:** 05-123-39814**Field:** Wildcat**Well:** Upchurch LD02-76-1AHN**Rig:** H&P 326**Ended:** 12/27/2014 04:30 AM

5 Inch MD FINAL

Personnel**Day Hand:** Chris Abbott**Night Hand:** Chris Myers**Comp. Emp:** DDC**Location****Latitude:** 40 46' 29.928 N**Longitude:** 103 50' 6.756 W**Elev. GL:** 4742**Elev. DF:** 30**Elev. KB:** 4772**Hole Data**

Size	From	To
13 3/4	0	1227
8 3/4	1227	6020
6 1/8	6020	9758

Casing Data

Size	From	To
9 5/8	0	1227
7	0	6020
4 1/2	0	9758

Bit Sizes

Size	From	To
13 3/4	0	1227
8 3/4	1227	6020
6 1/8	6020	9758

Mud Data

Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
LSND	10.4	0	38				1227	9758

Tool Run Data

Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
205	38	0	12/23/2014 5:00:02 PM	1227	12/24/2014 1:30:02 PM	6020
205	37	0	12/25/2014 10:00:10 PM	6020	12/27/2014 4:30:10 PM	9758

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.

0.00	Counts(mG)	150.00	MD	0.00	ROP(FT/HR)	600.00	Surveys (MD/INC/AZ)
150.00	2	300.00	FT	600.00	2	1,200.00	
				1,200.00	3	1,800.00	

							MD: 0.00 INC: 0.00 AZ: 0.00
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			20				

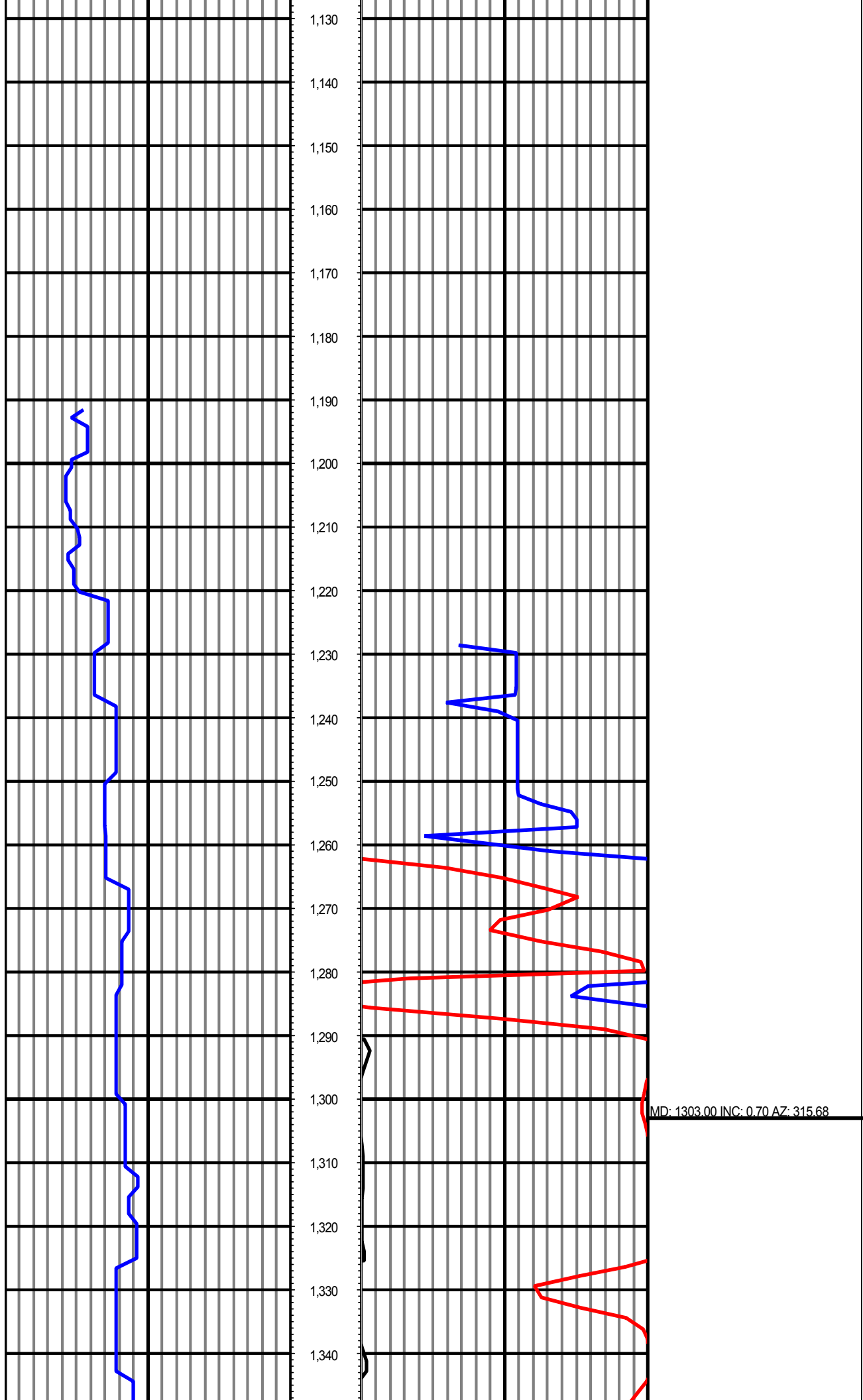
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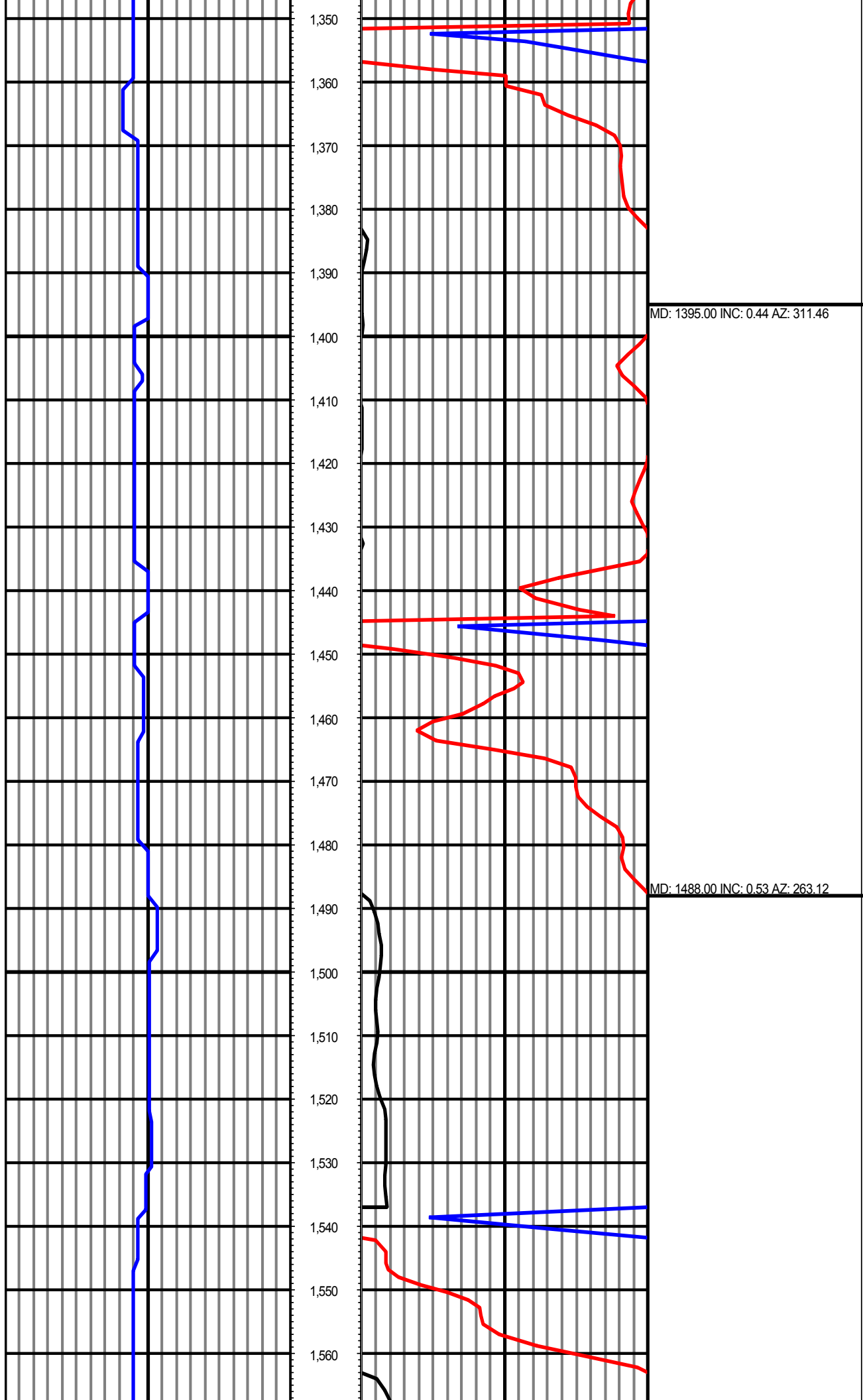
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		350		MD: 348.00 INC: 0.40 AZ: 297.43
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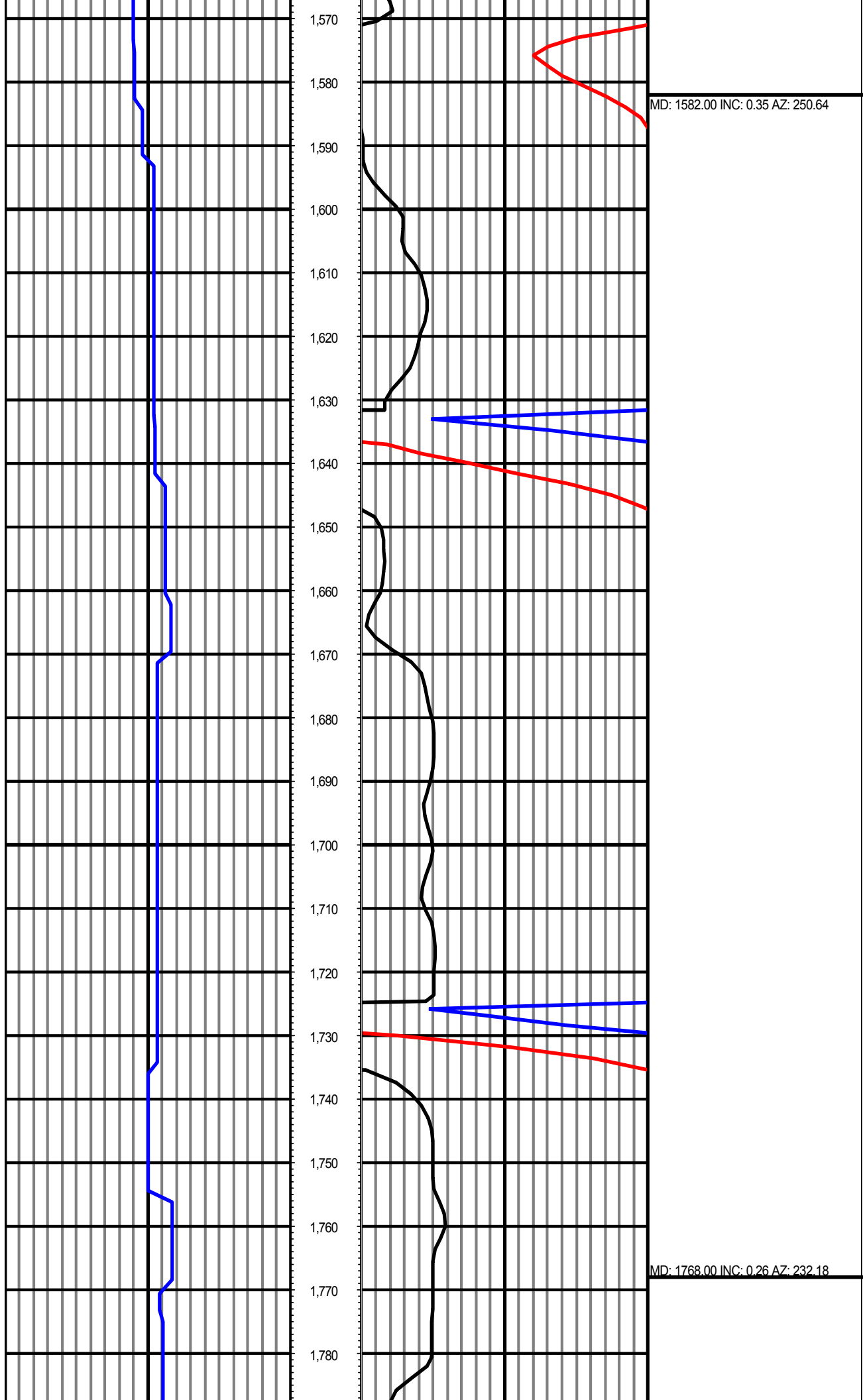
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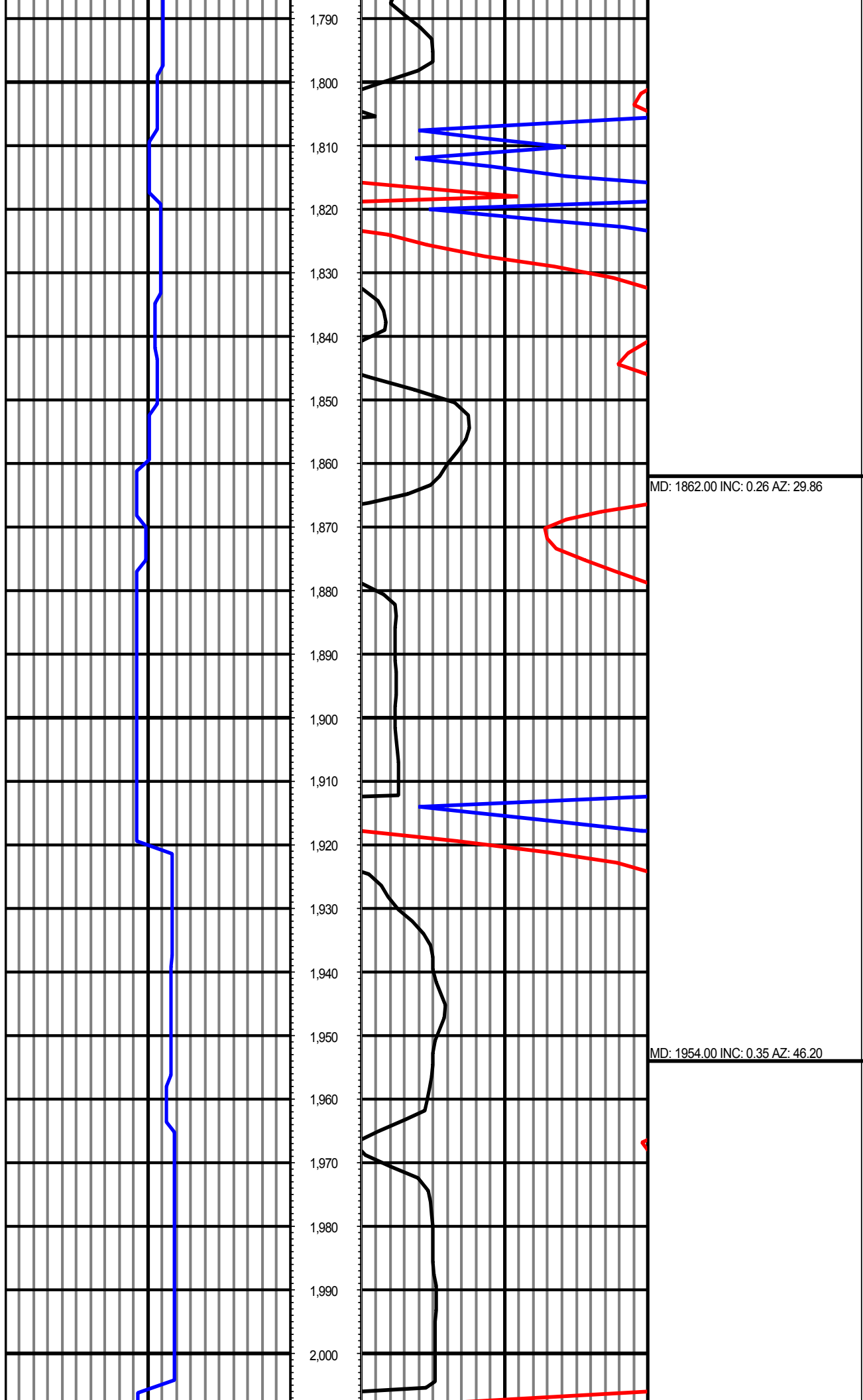
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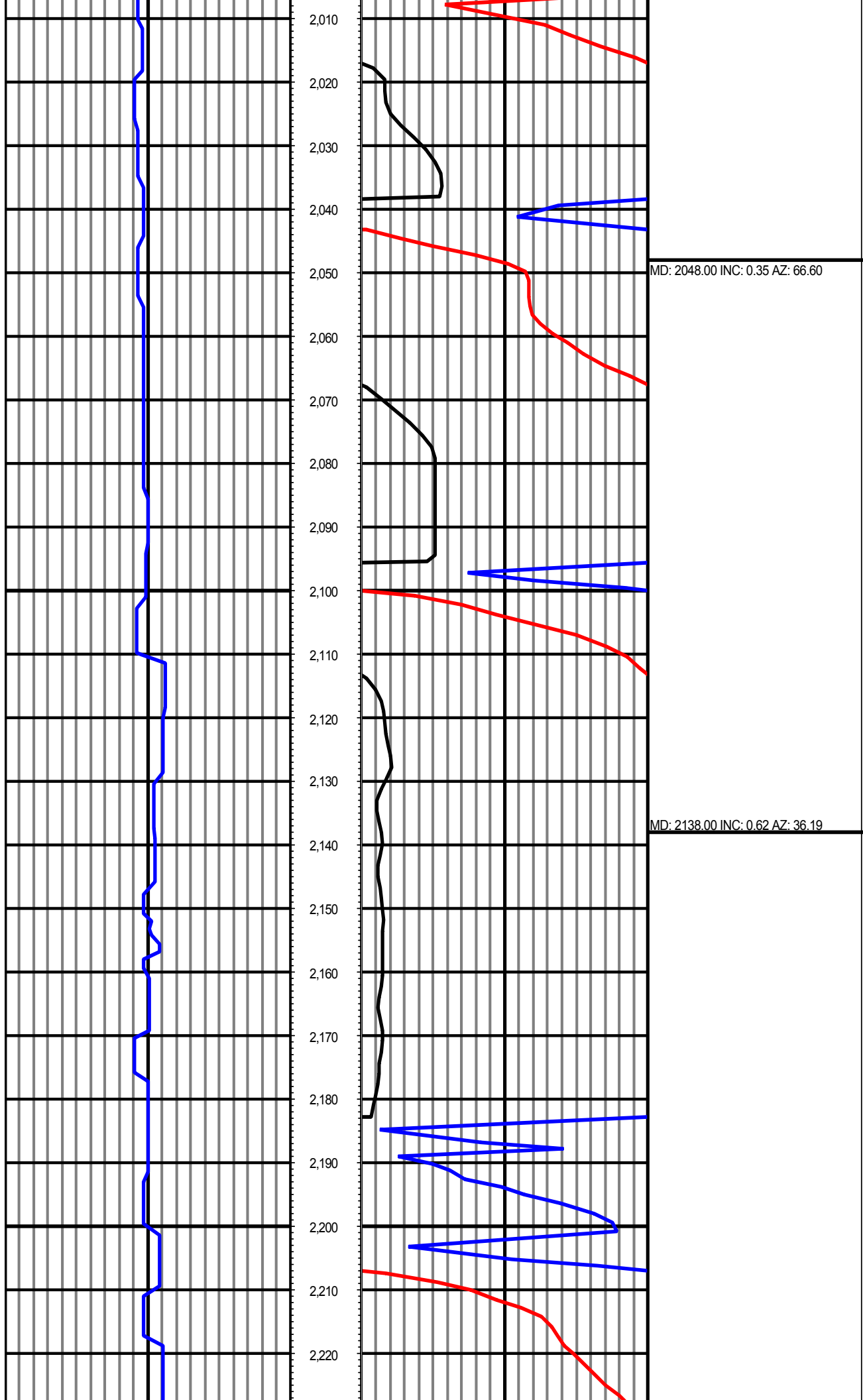
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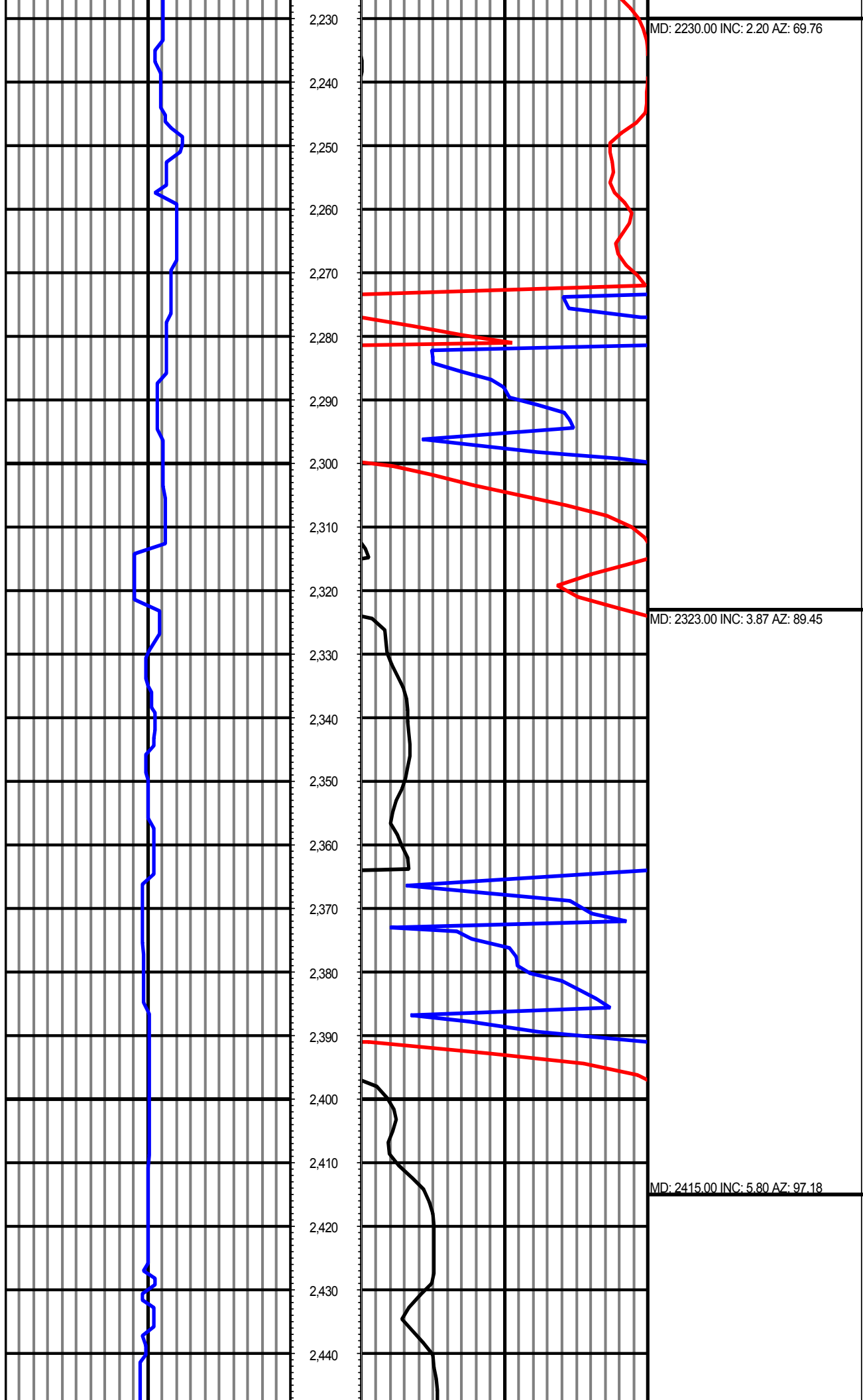


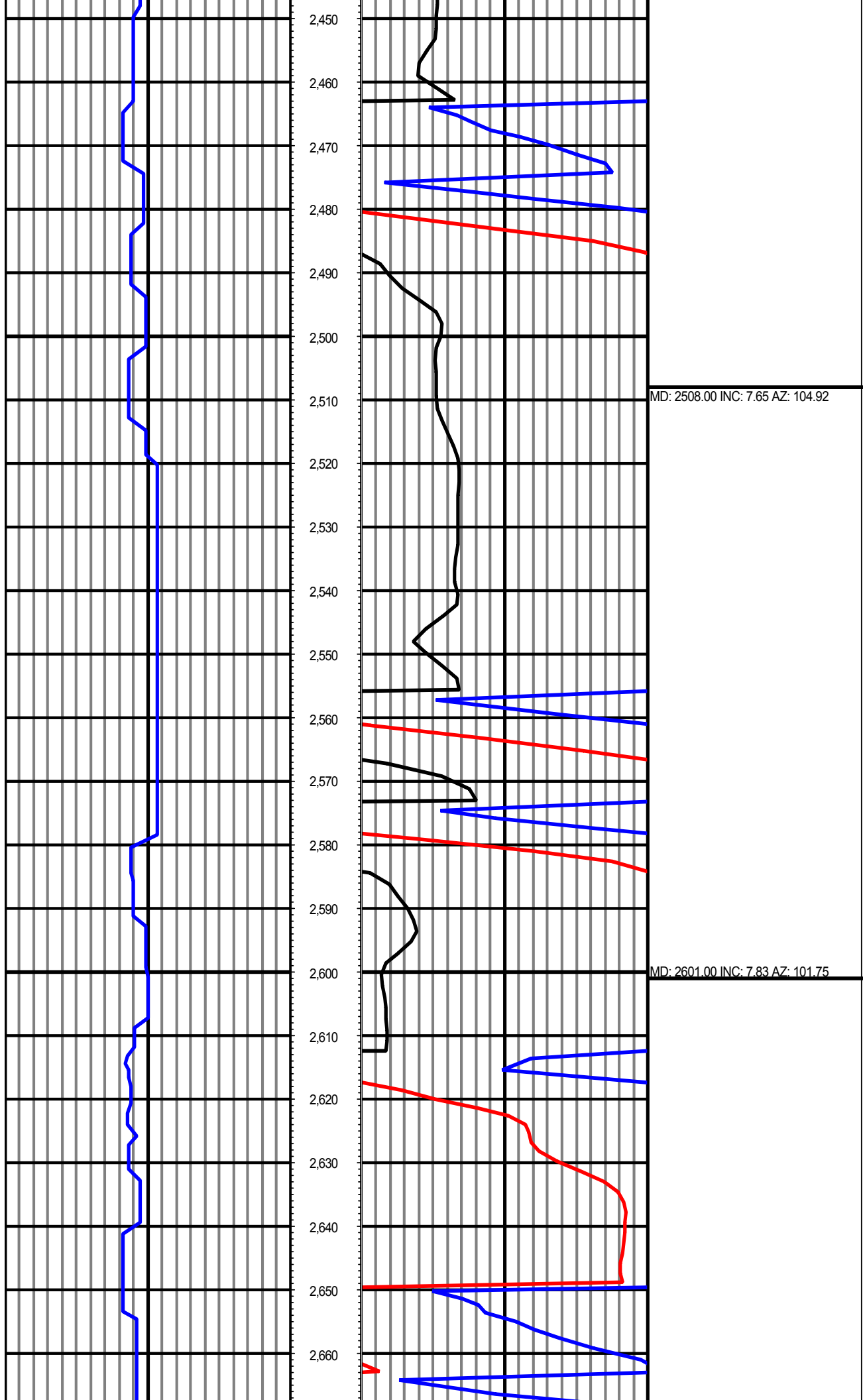


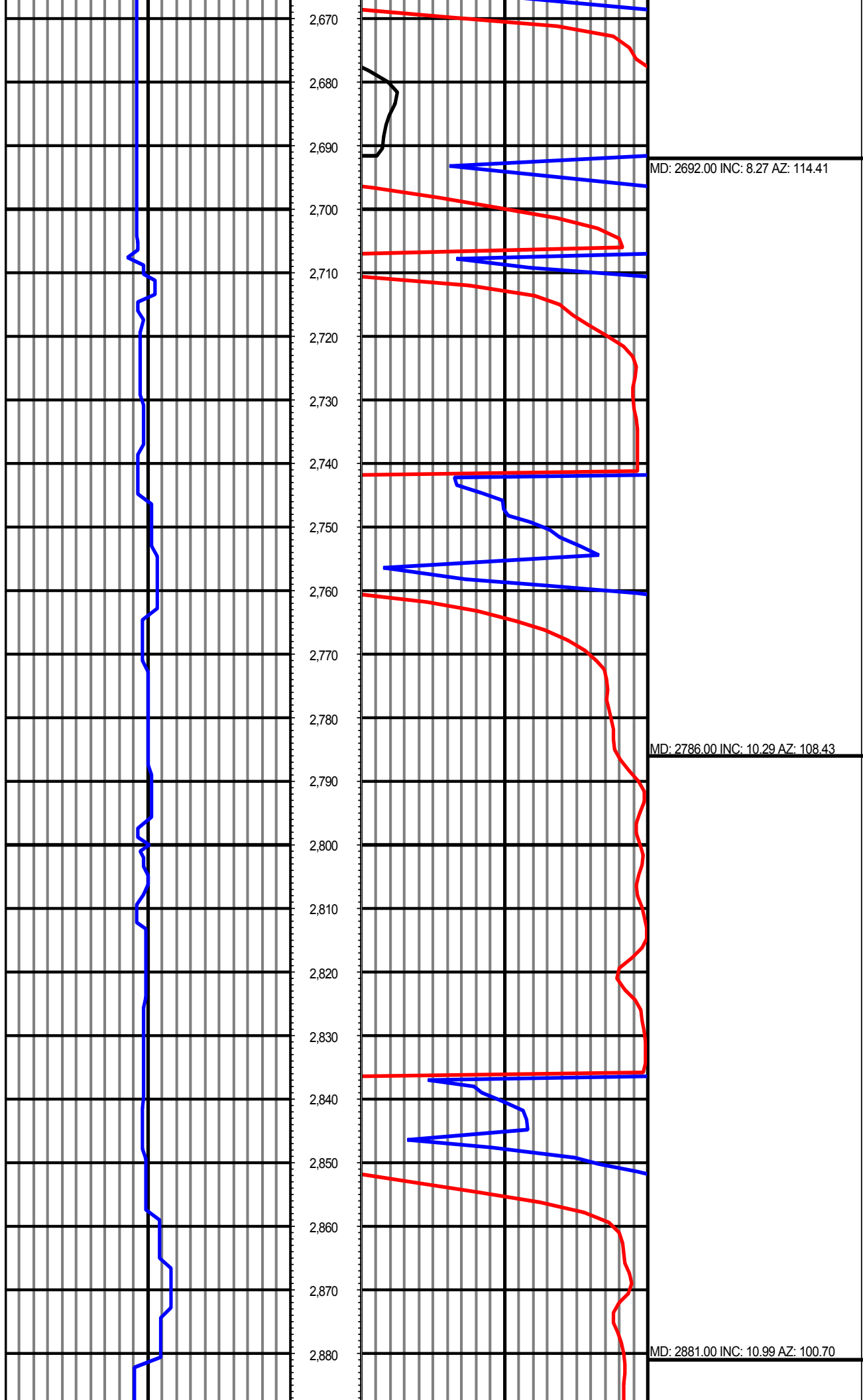


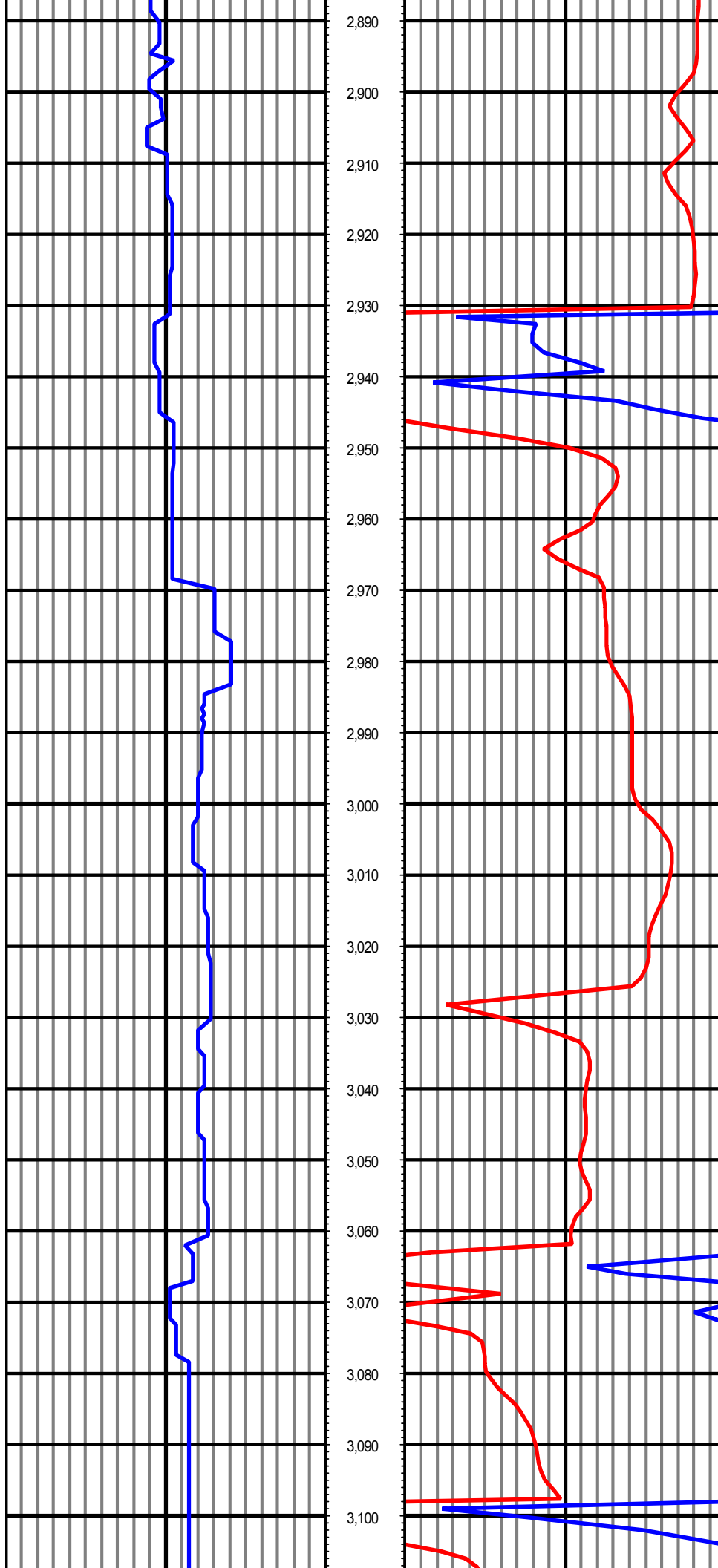




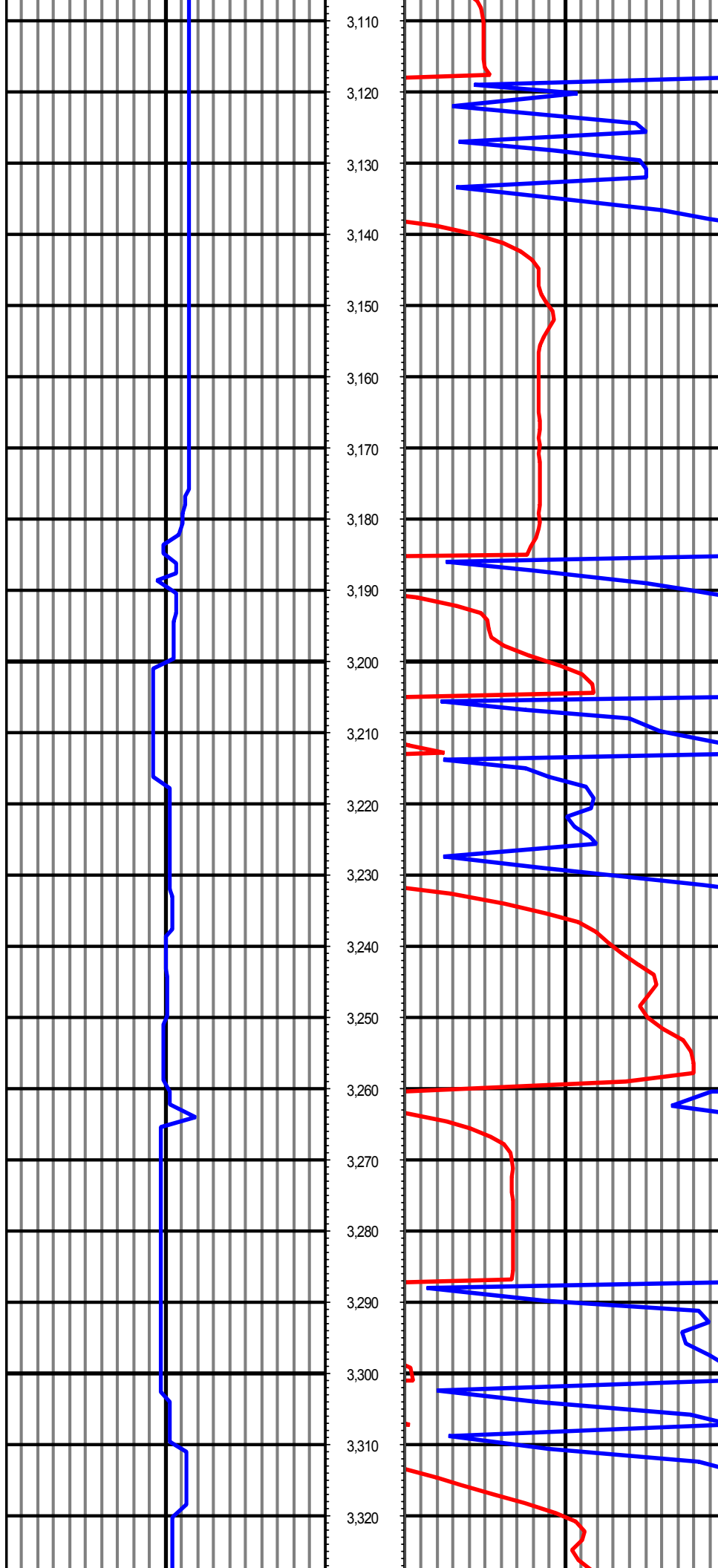




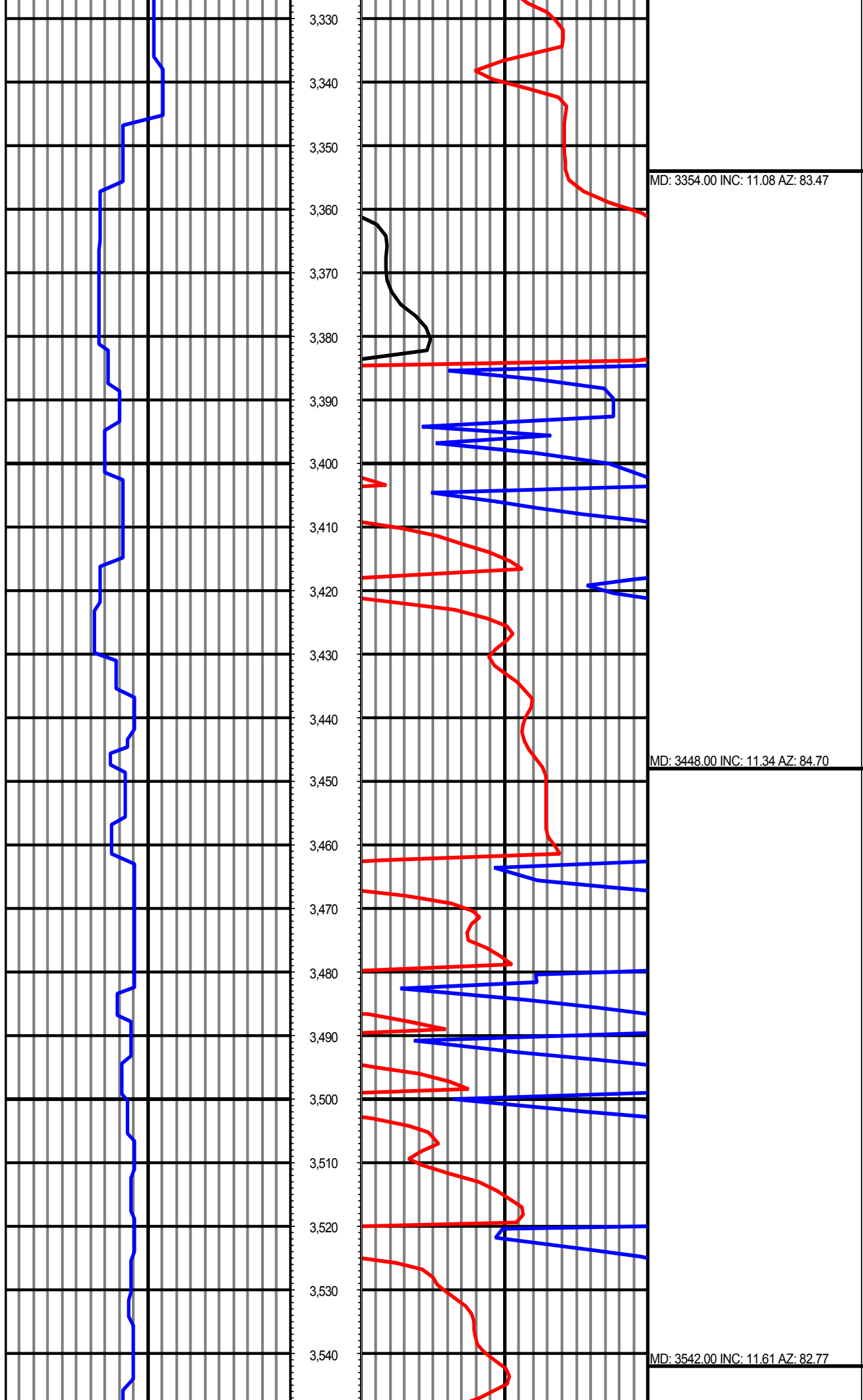


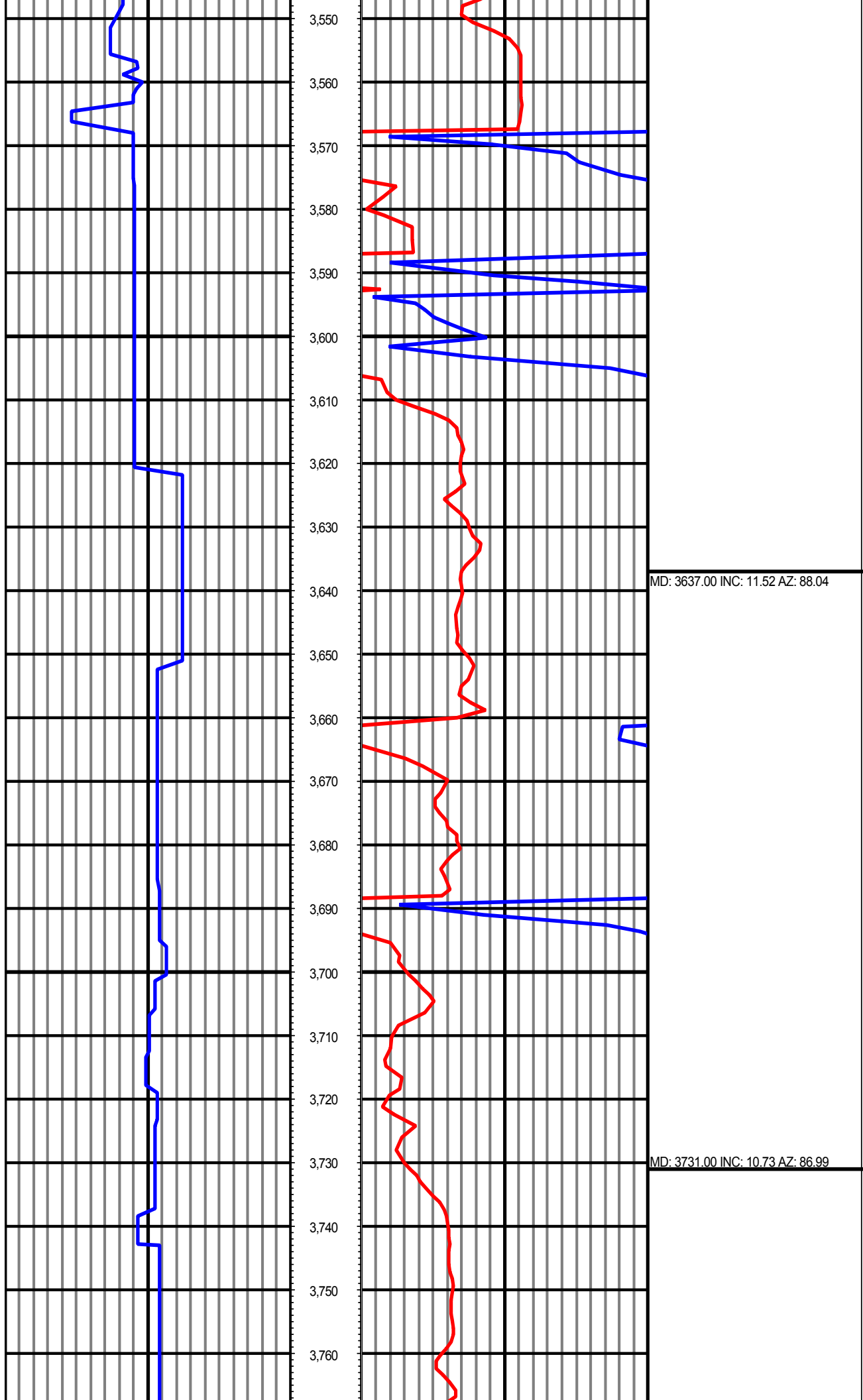


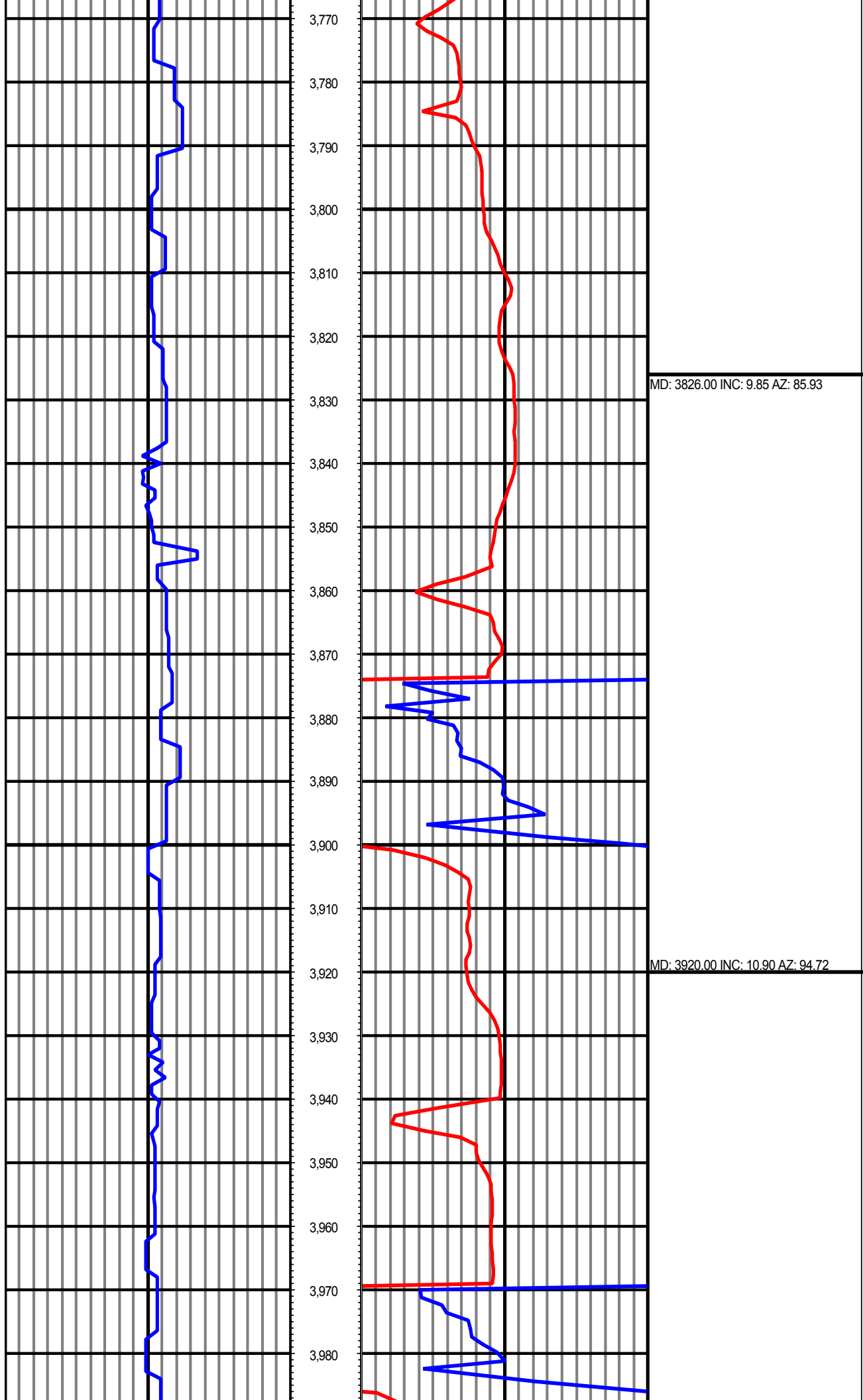
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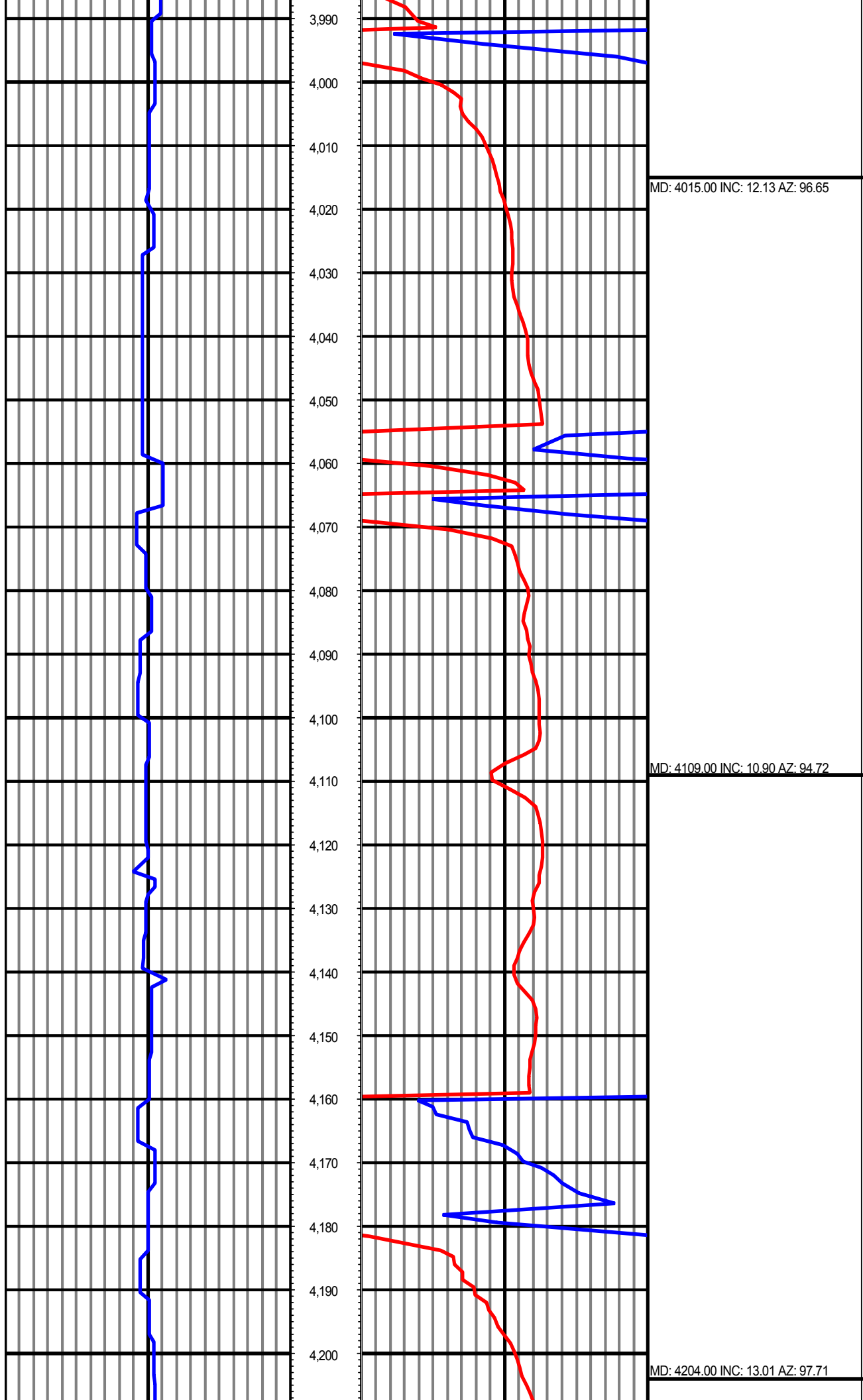


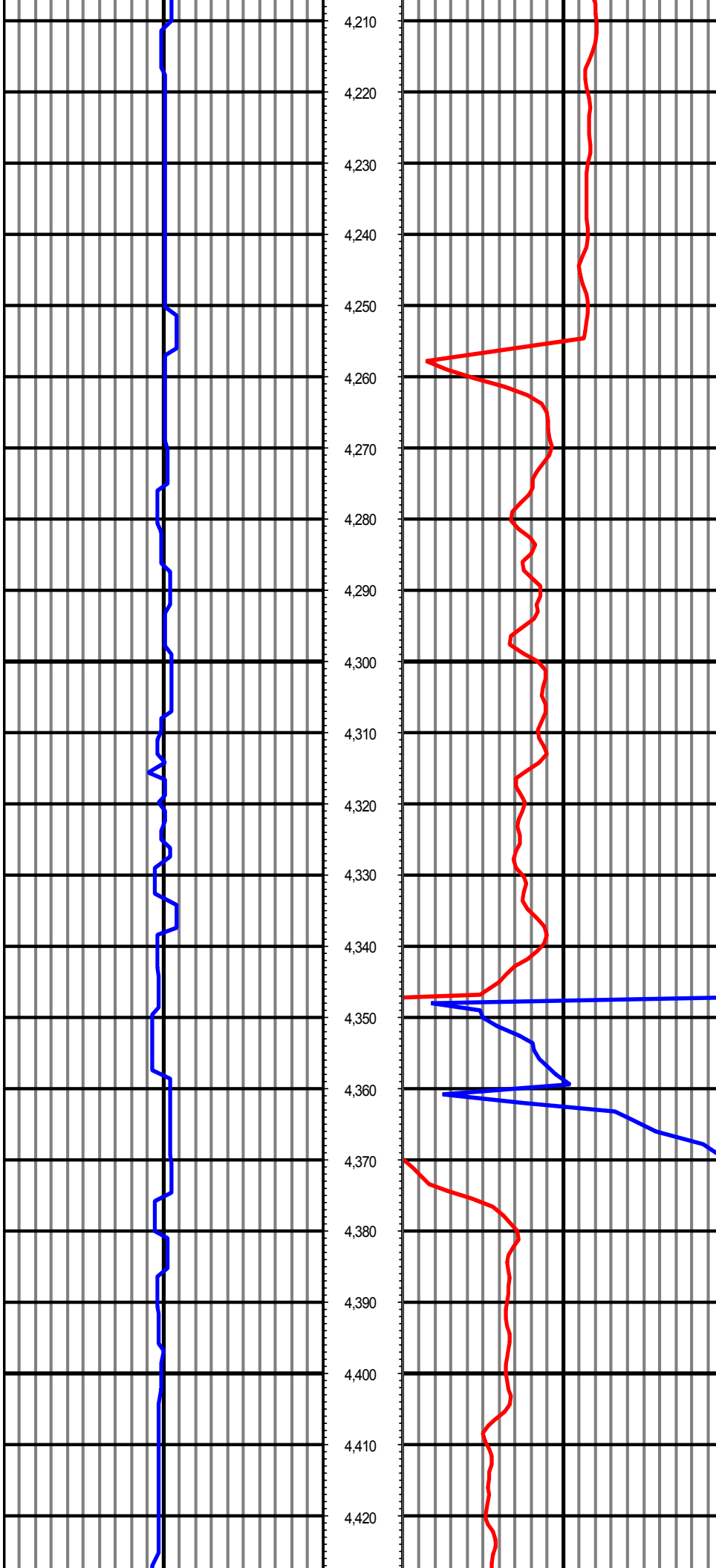
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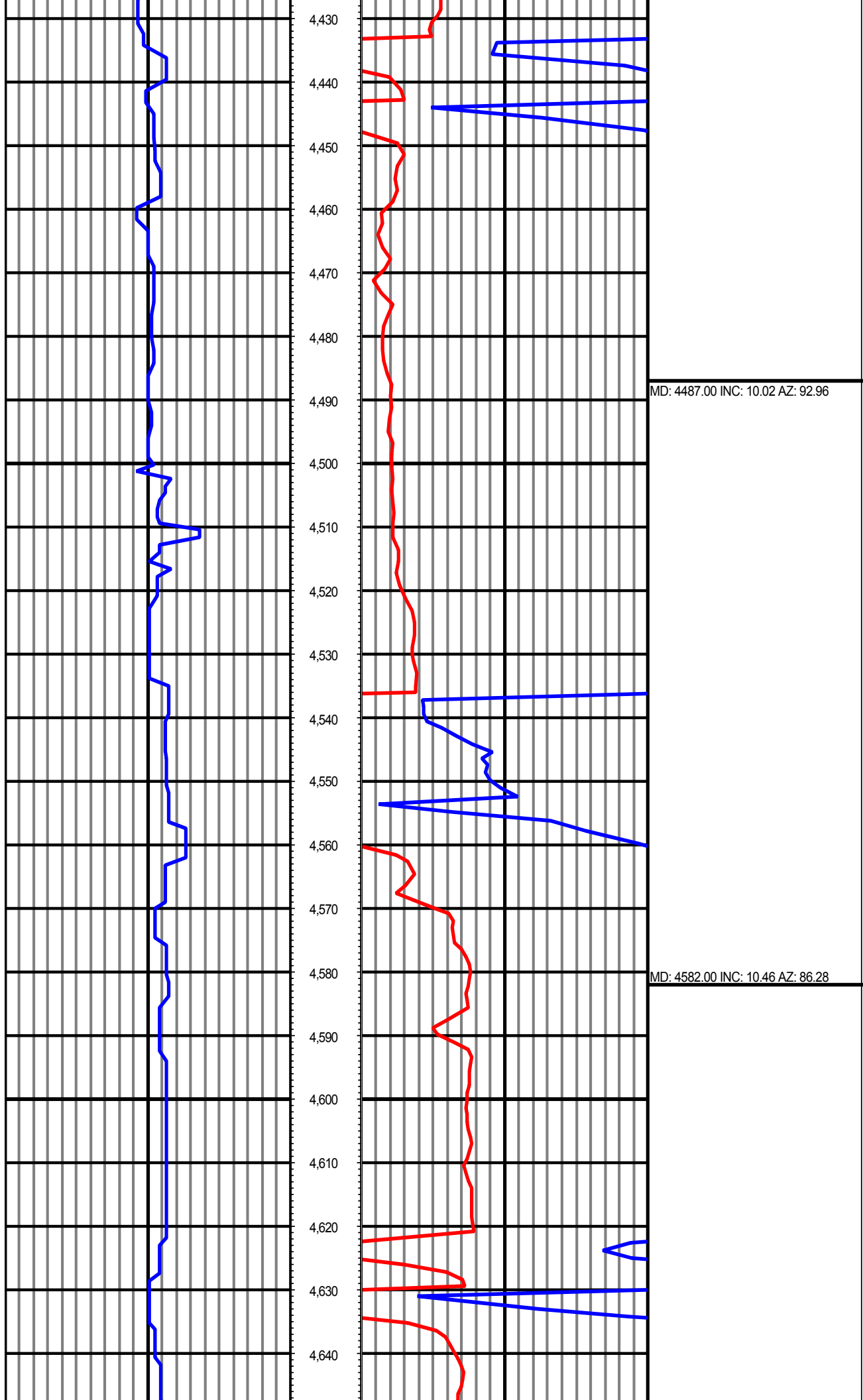


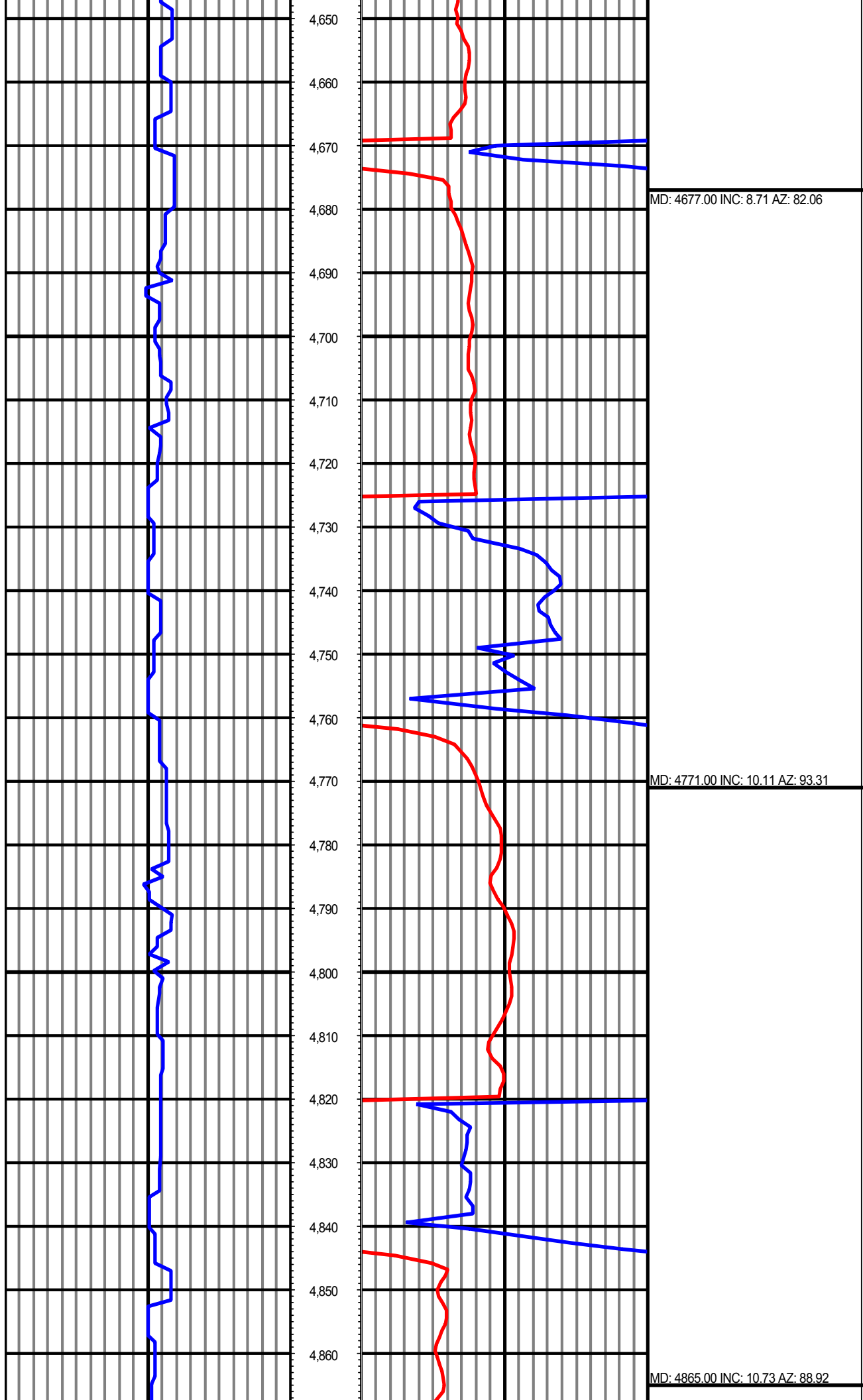


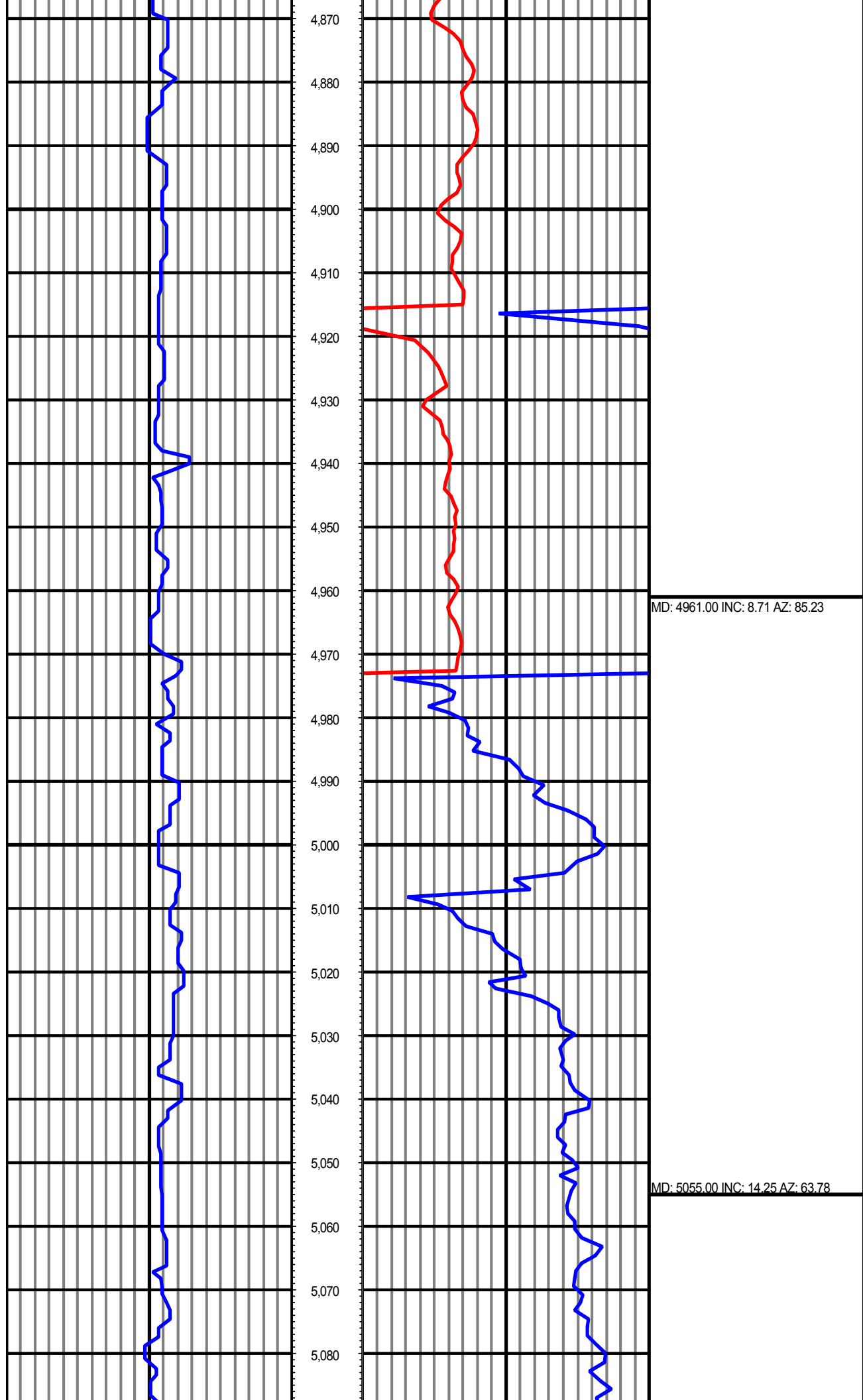


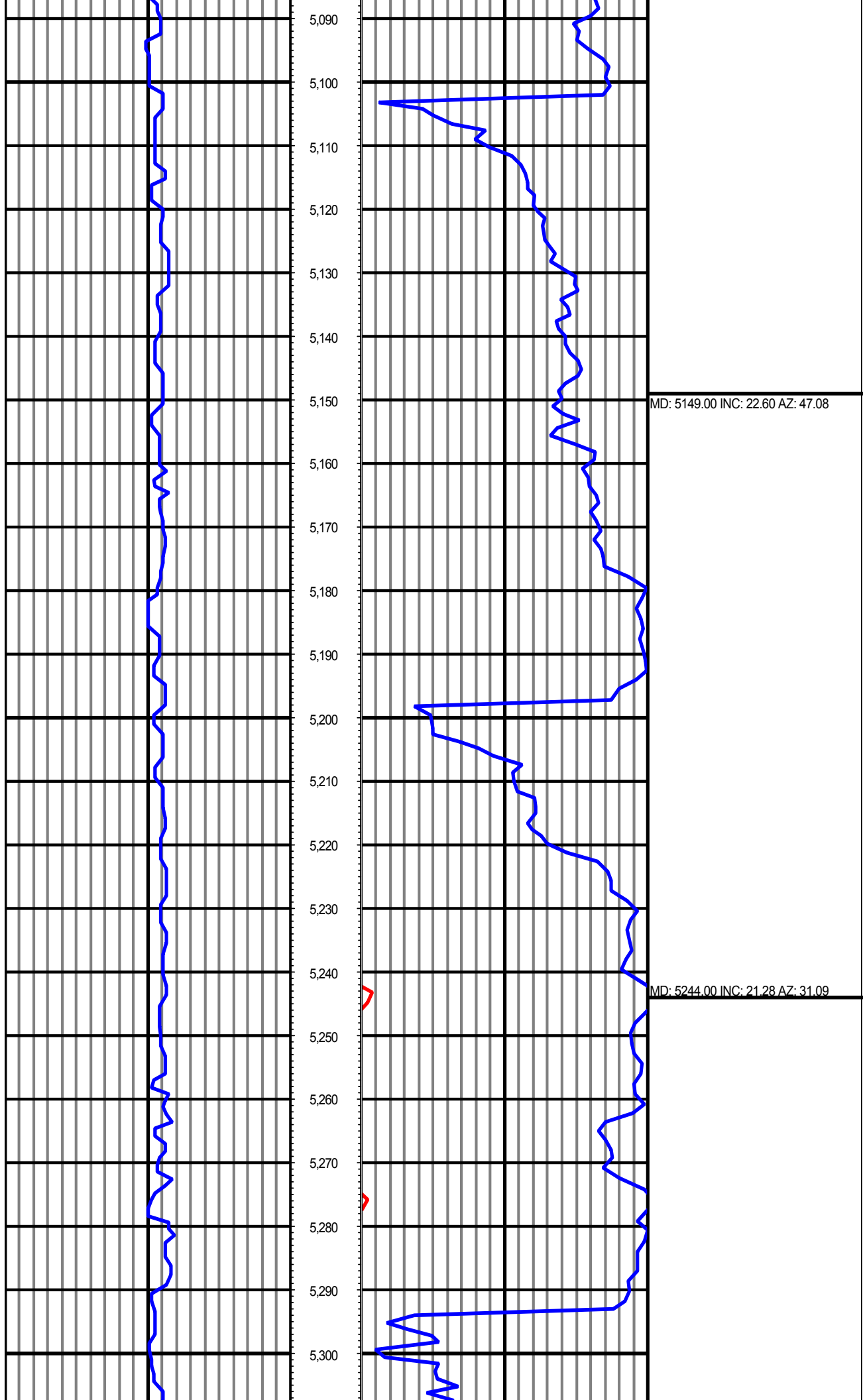
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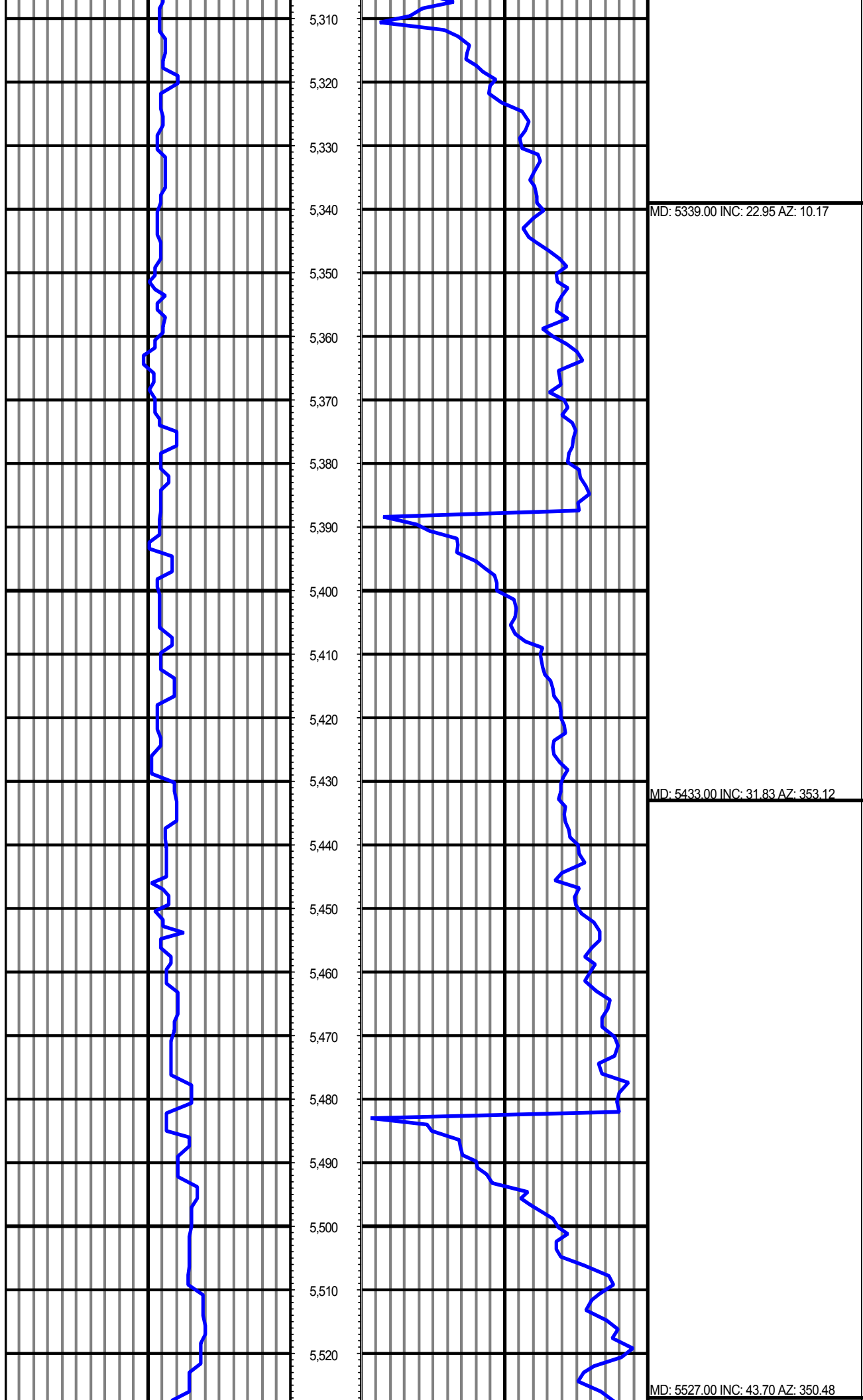
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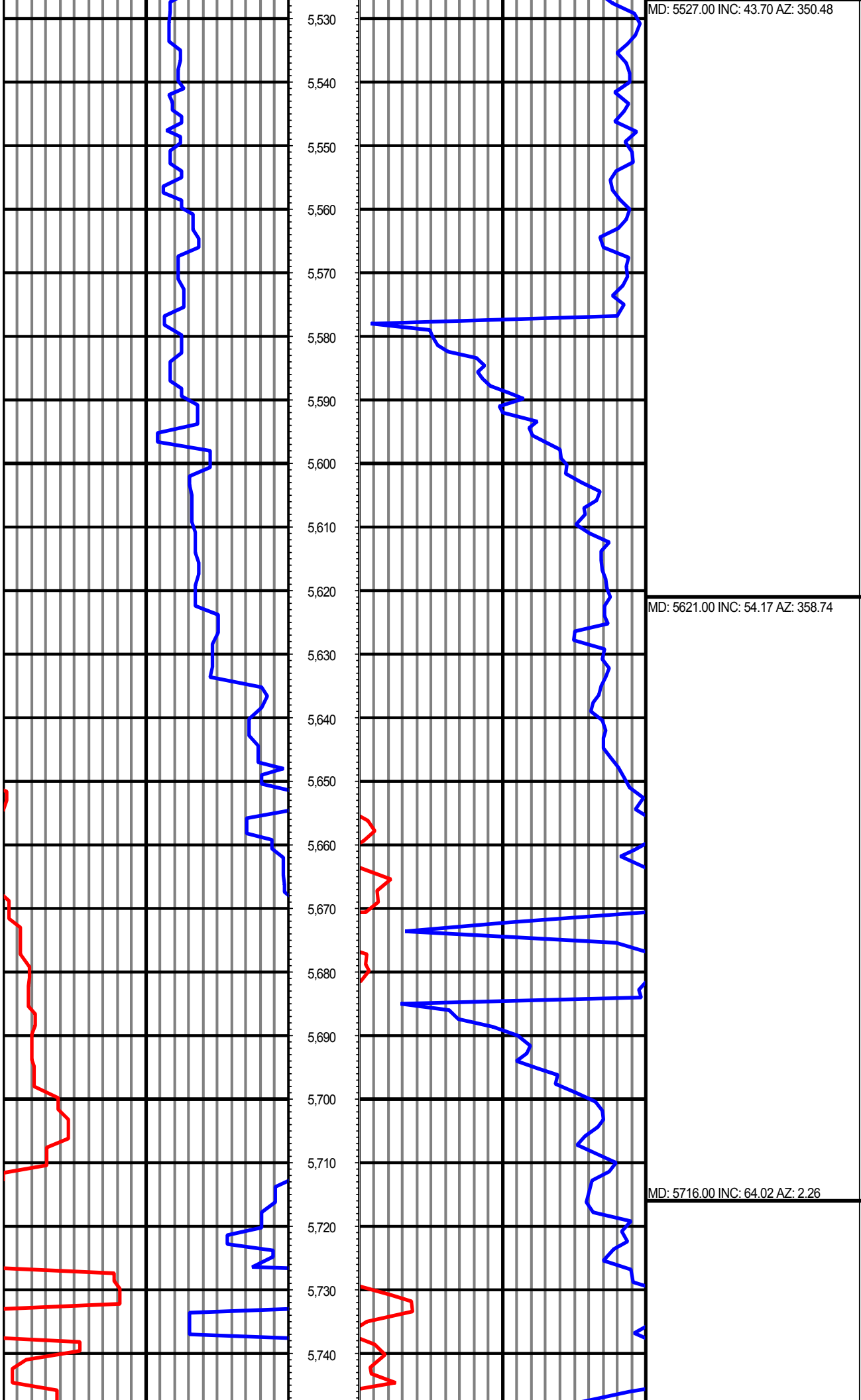


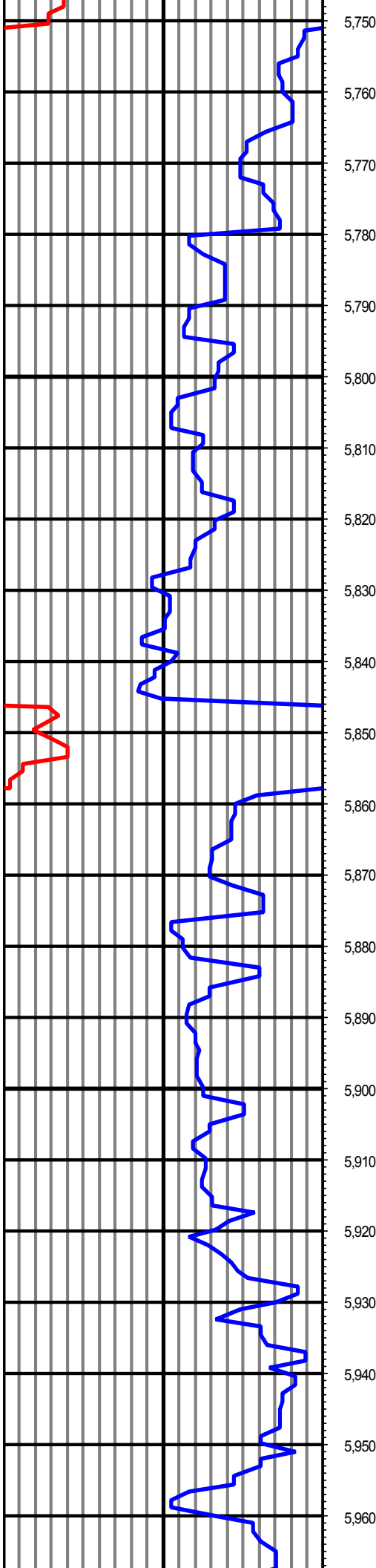








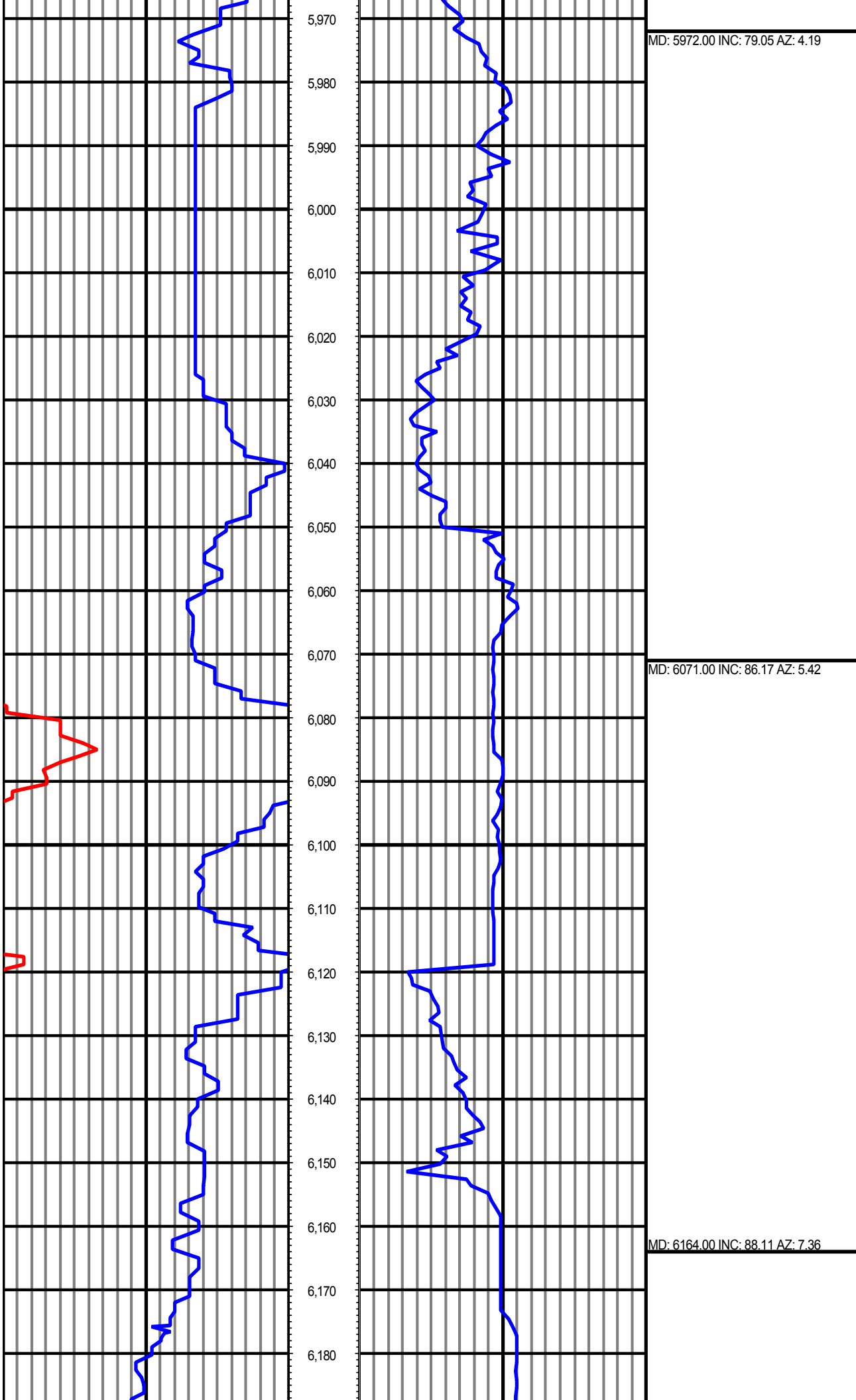




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MD: 5811.00 INC: 68.76 AZ: 2.08

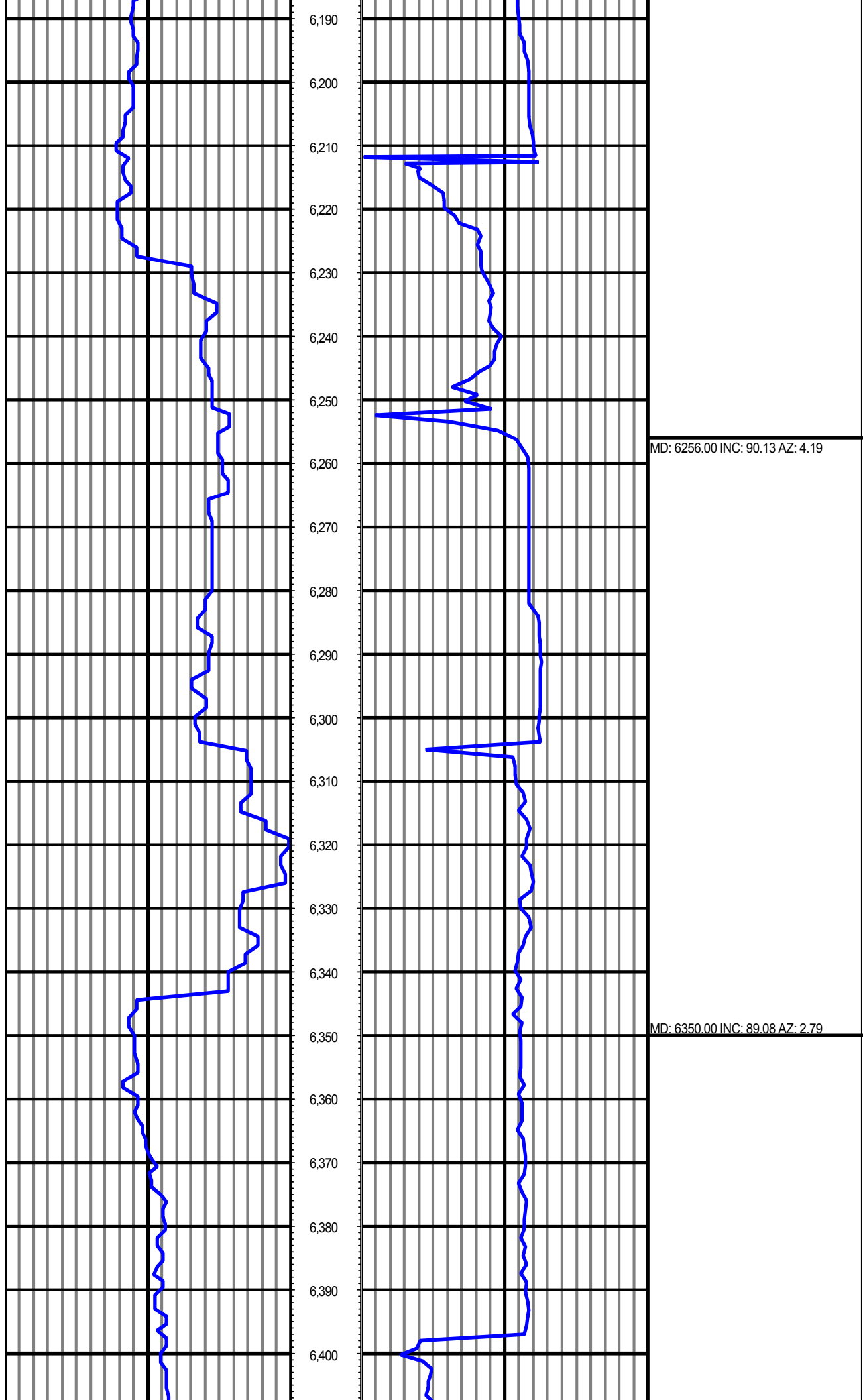
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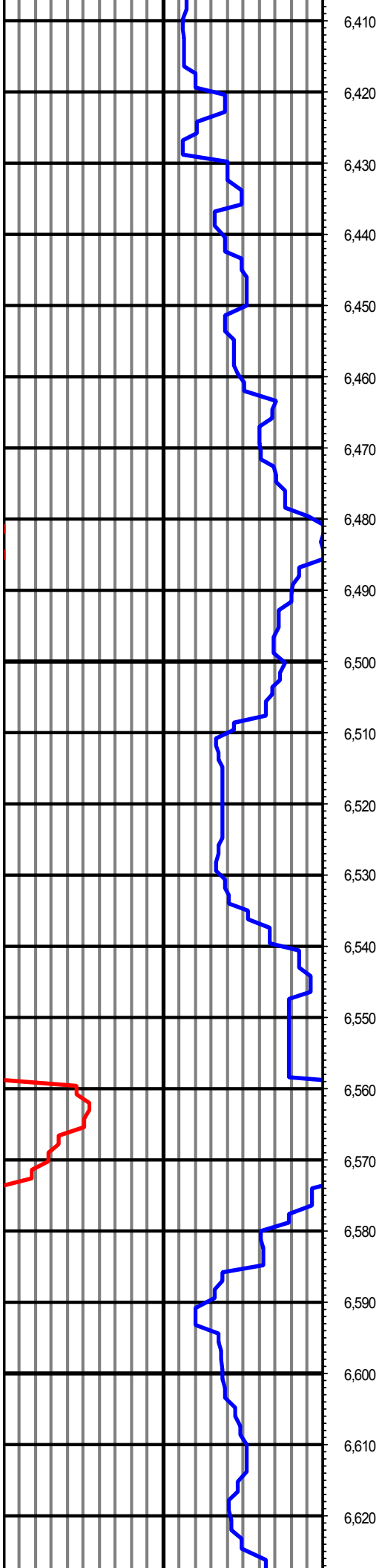


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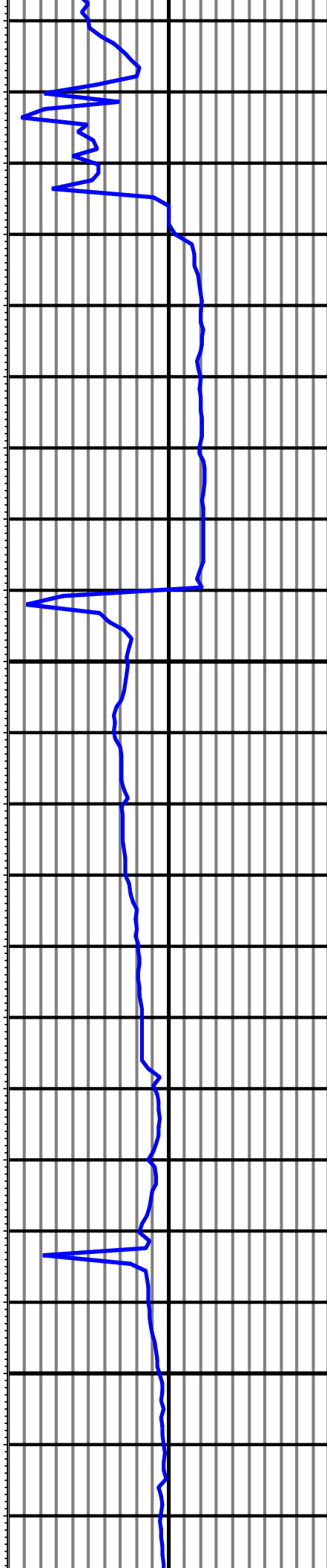
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MD: 6164.00 INC: 88.11 AZ: 7.36



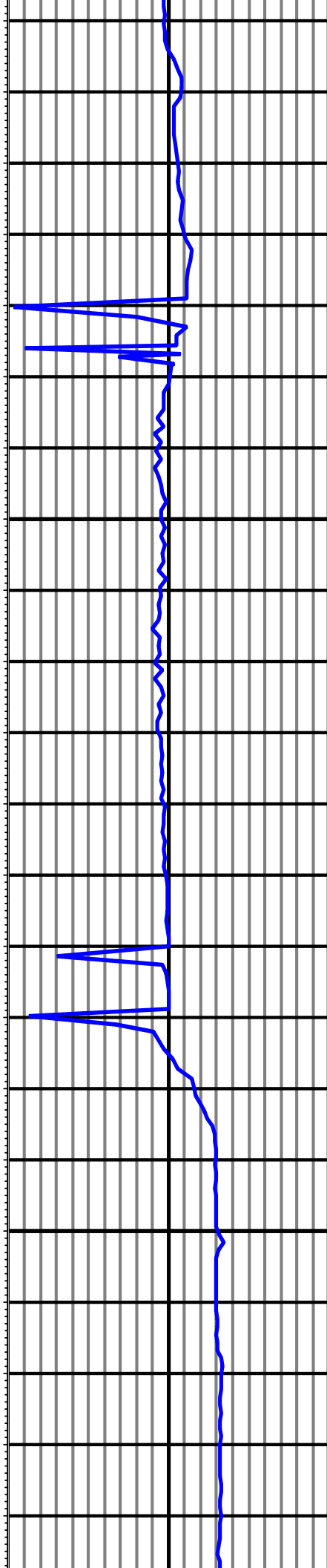
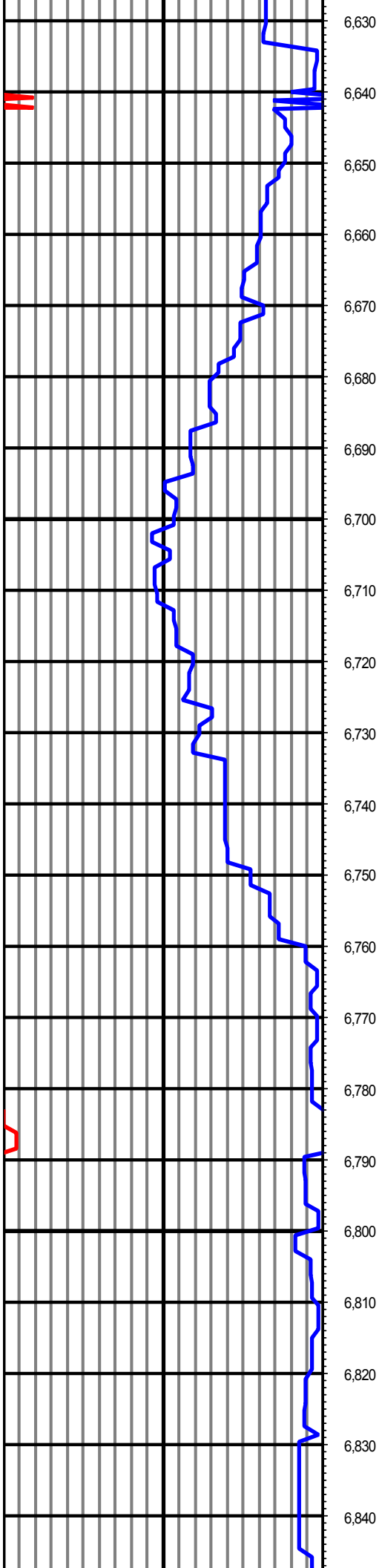


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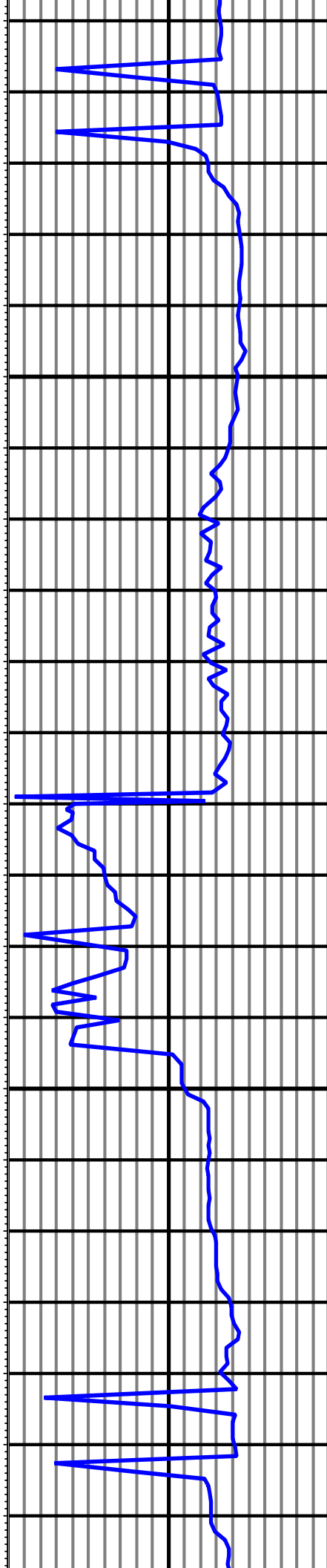
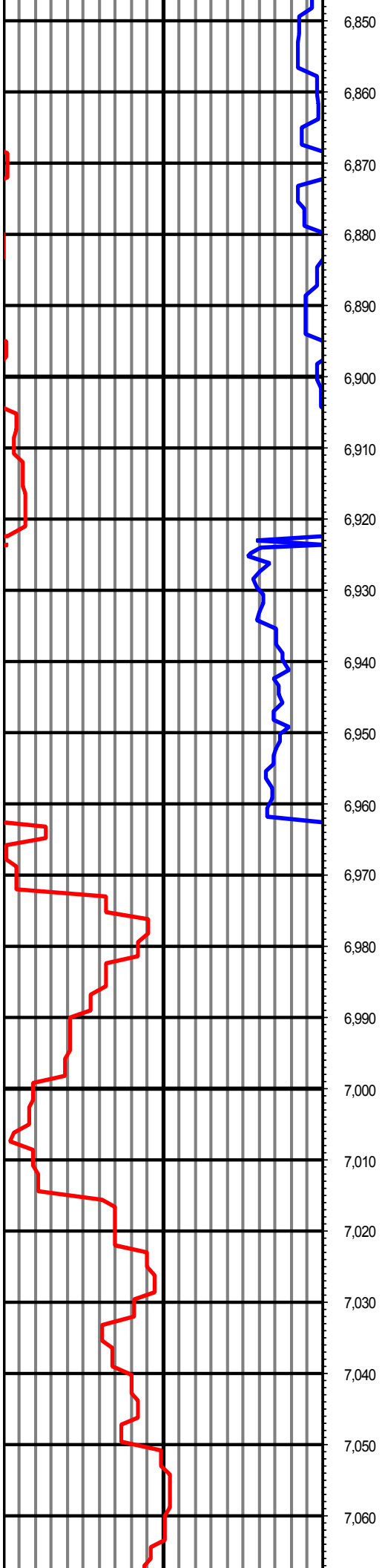
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MD: 6628.00 INC: 91.71 AZ: 2.96

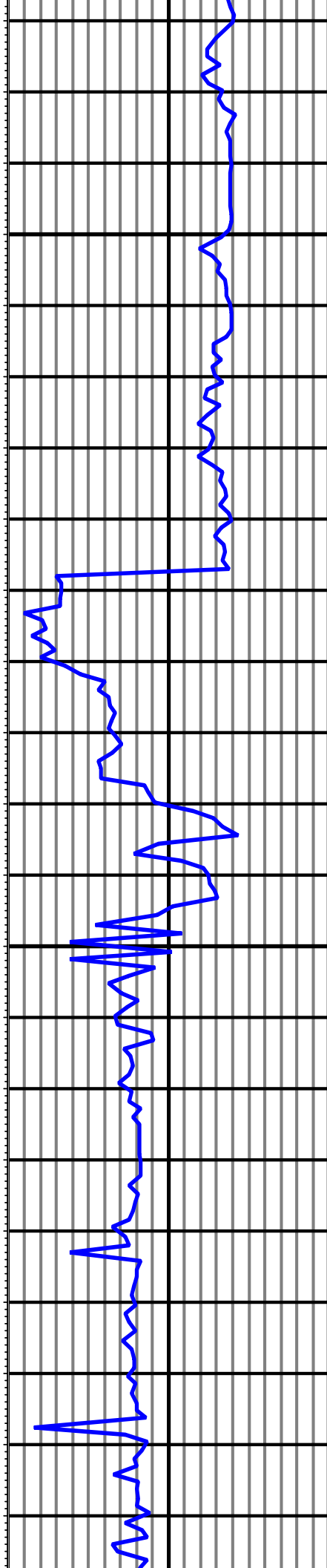
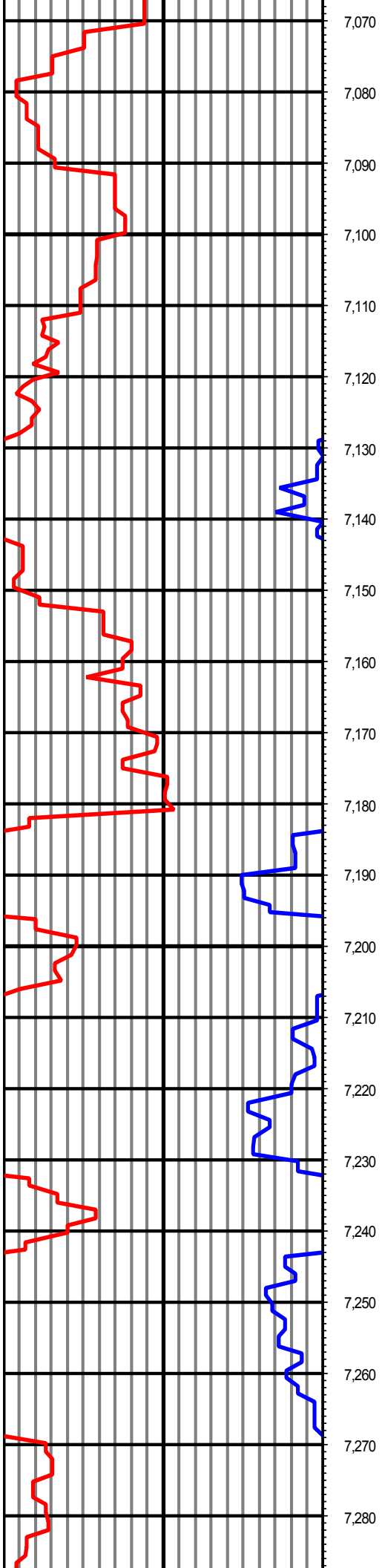
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MD: 6817.00 INC: 90.66 AZ: 3.31



MD: 6911.00 INC: 88.11 AZ: 1.73

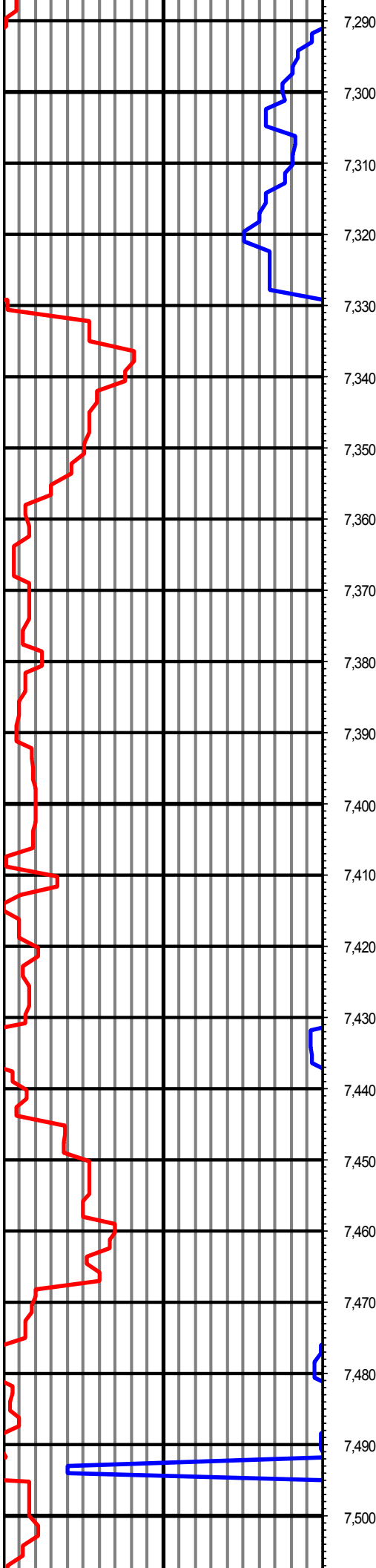
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MD: 7100.00 INC: 90.84 AZ: 1.21

MD: 7194.00 INC: 92.95 AZ: 0.33

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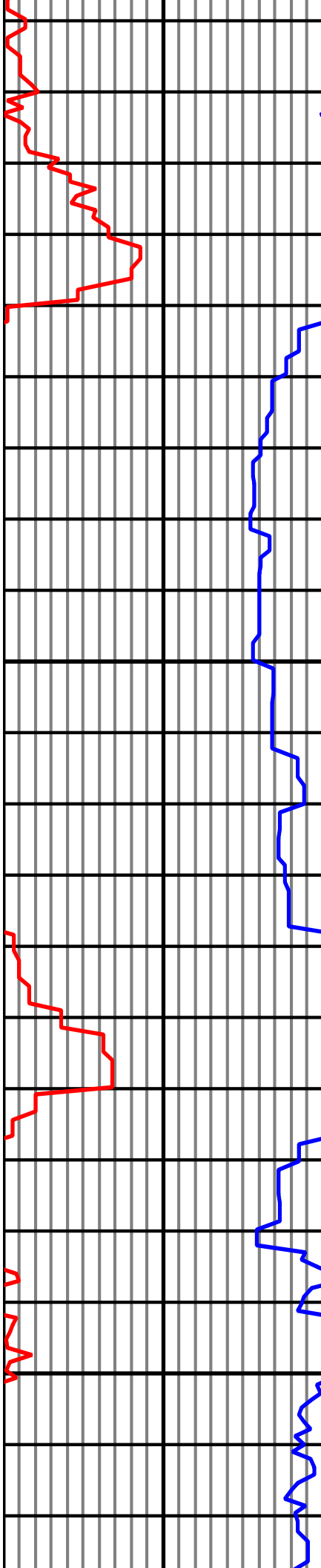


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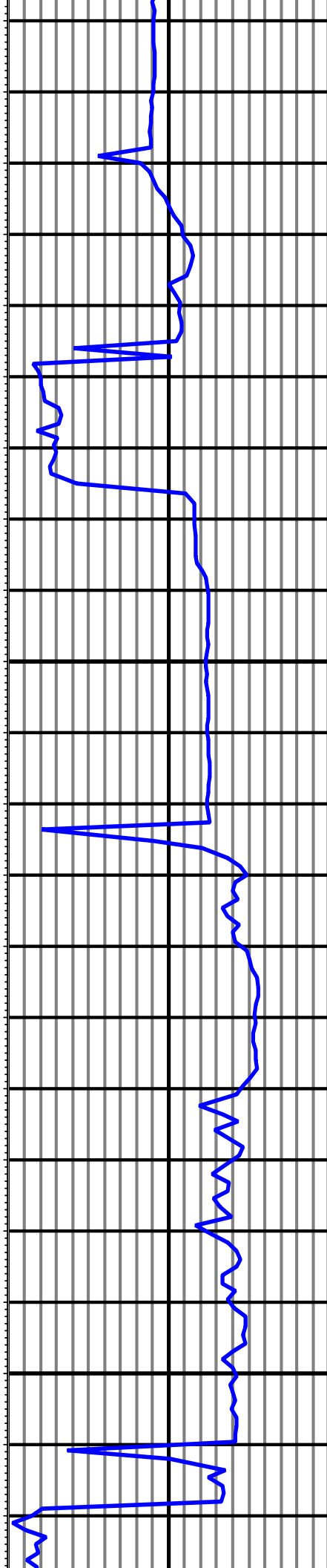
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MD: 7384.00 INC: 92.95 AZ: 358.92

MD: 7478.00 INC: 92.33 AZ: 0.15

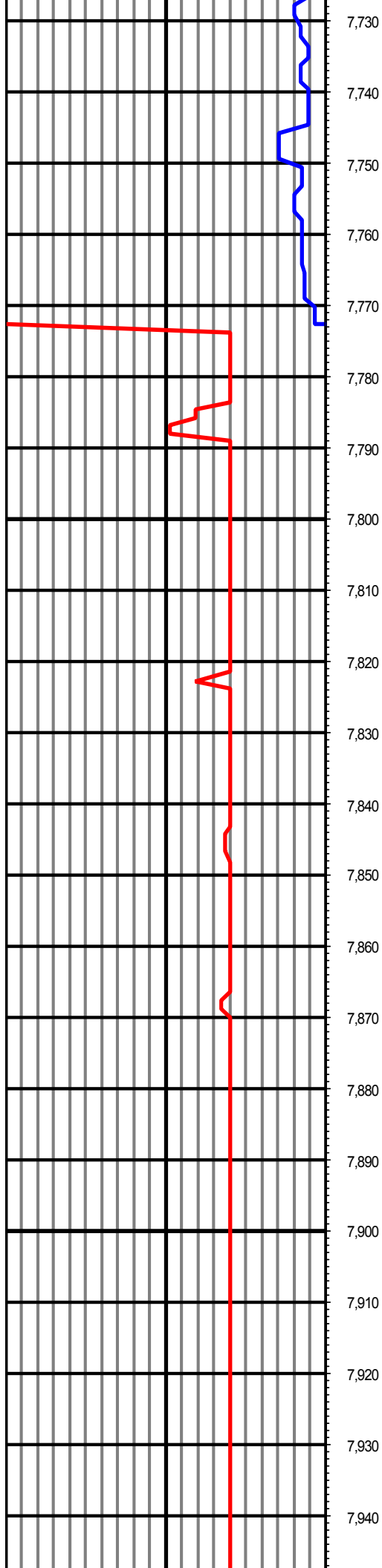


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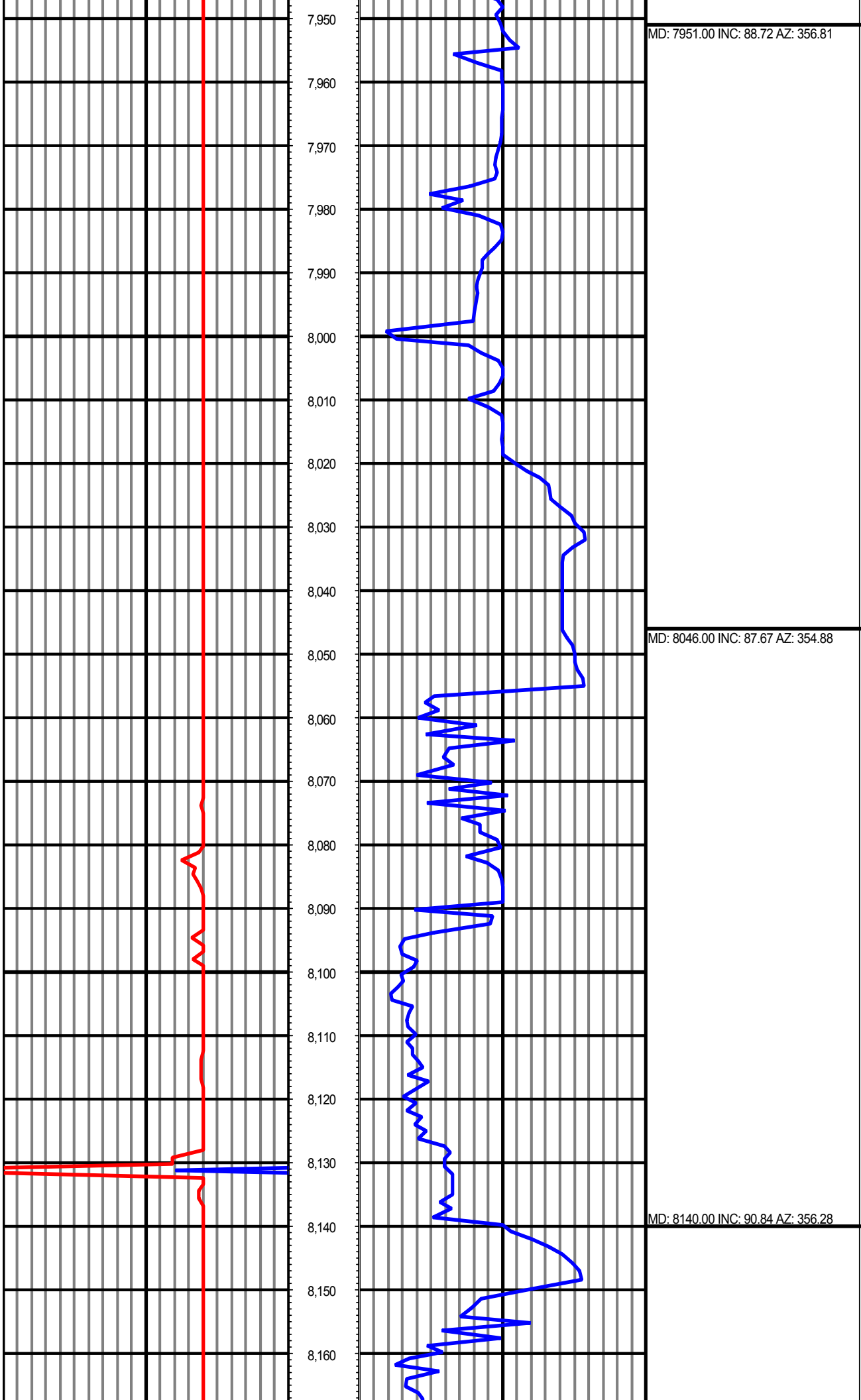
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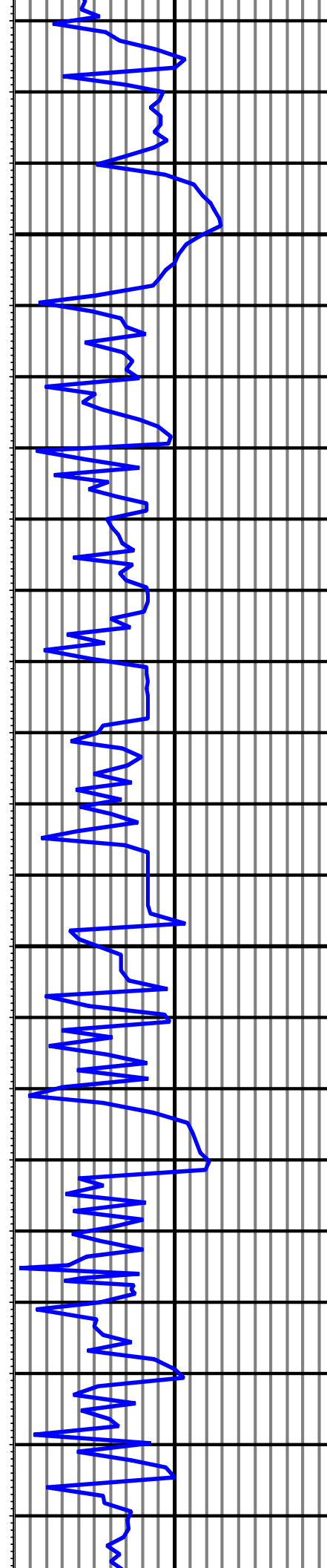
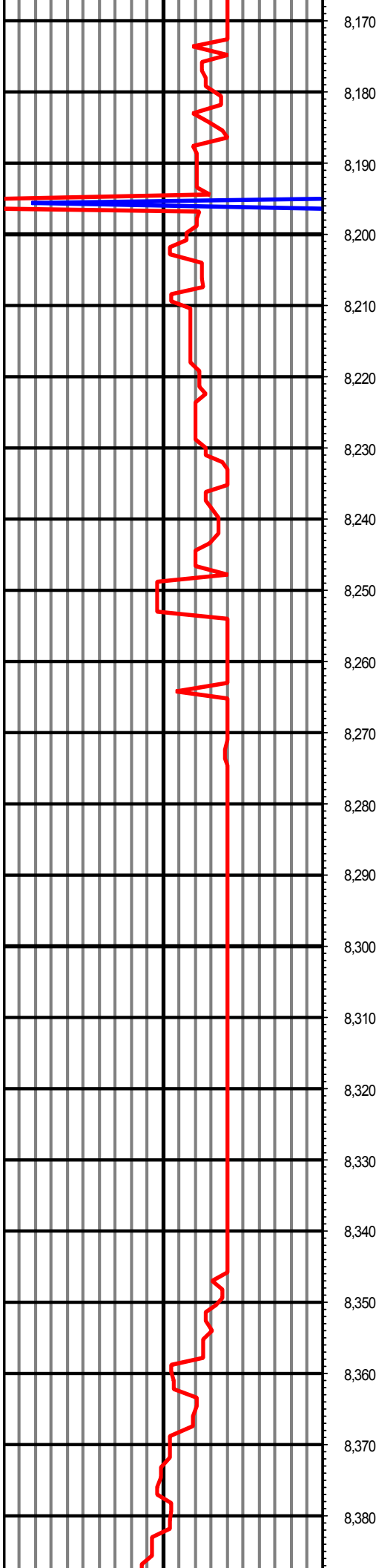
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MD: 7762.00 INC: 90.22 AZ: 356.99

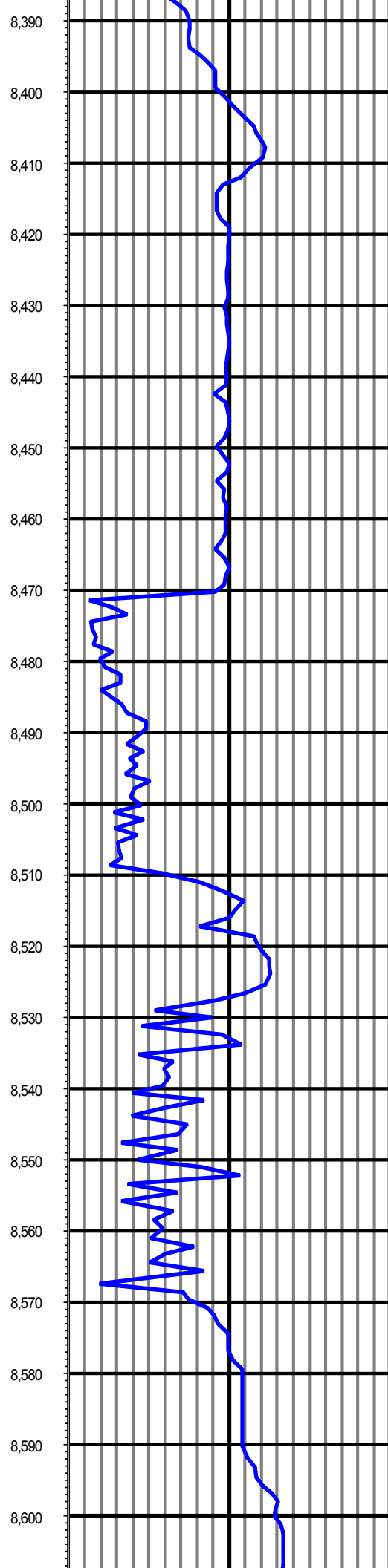
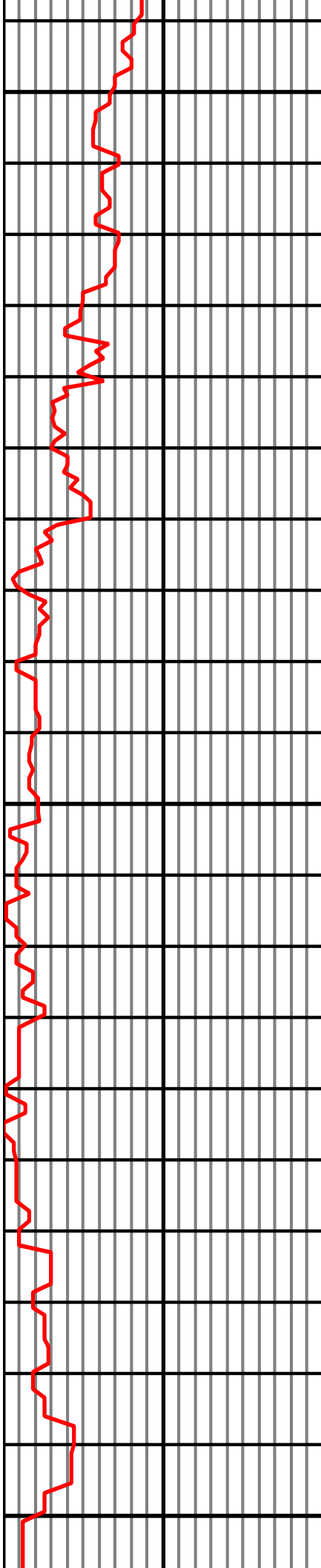
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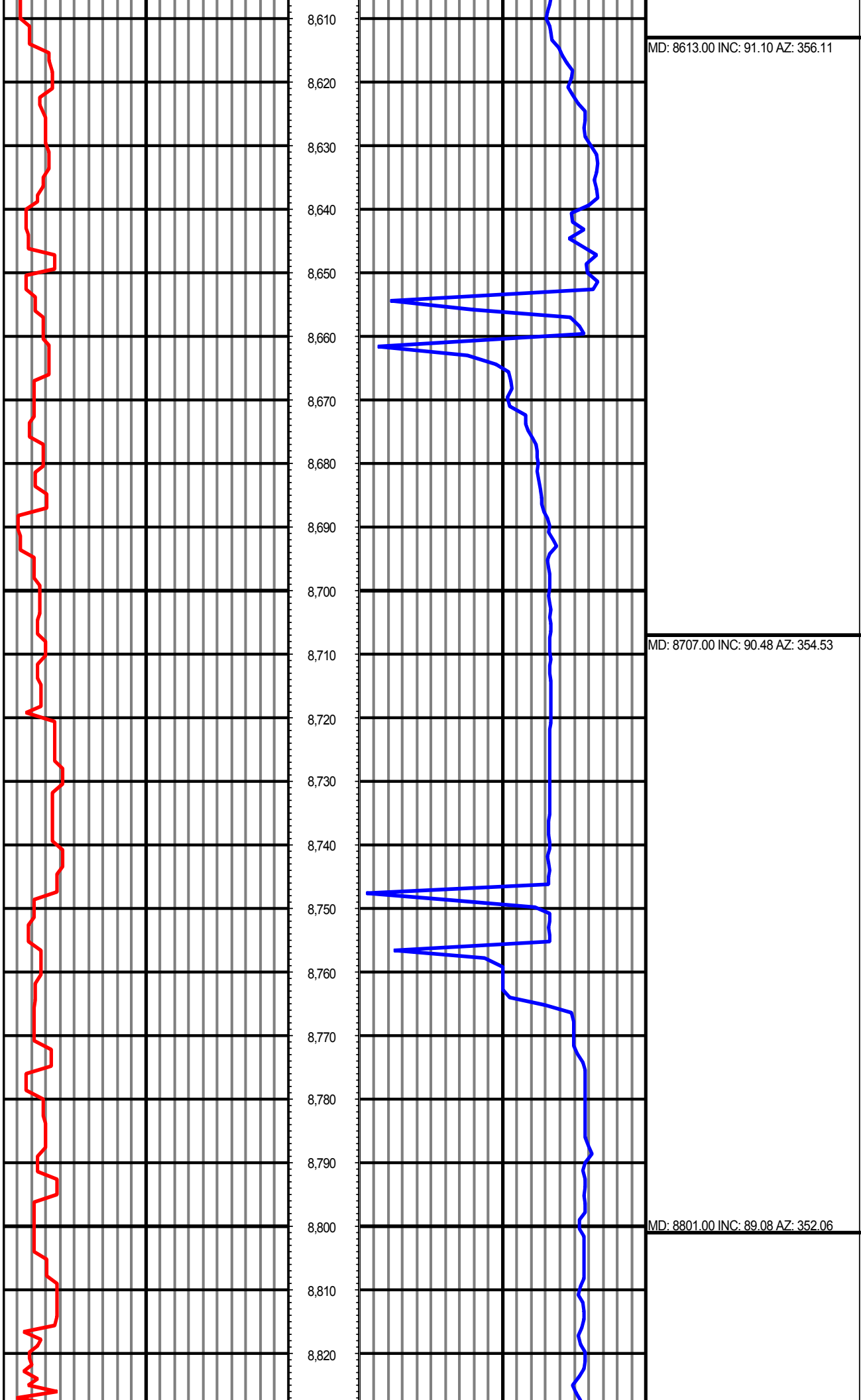
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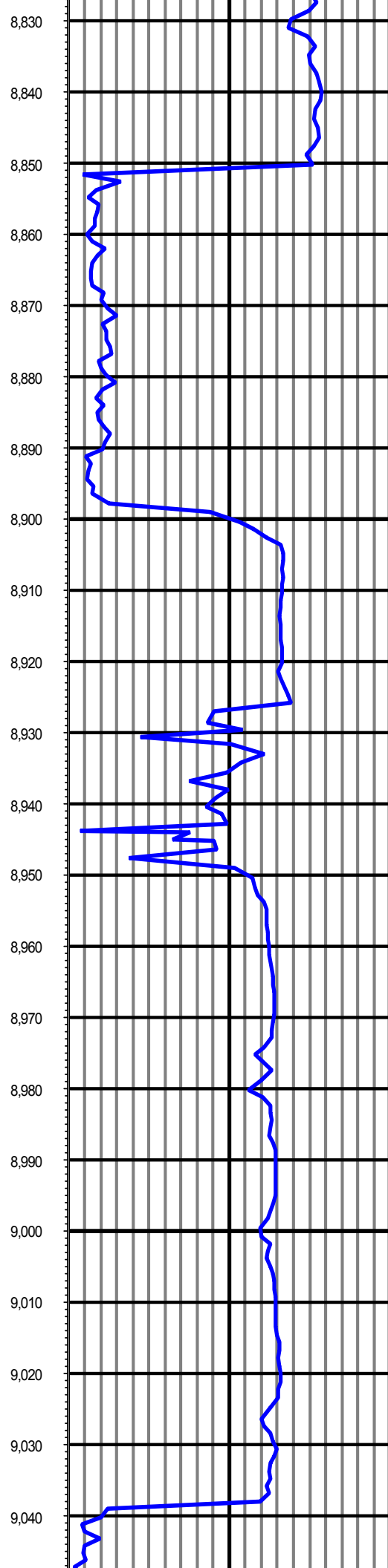
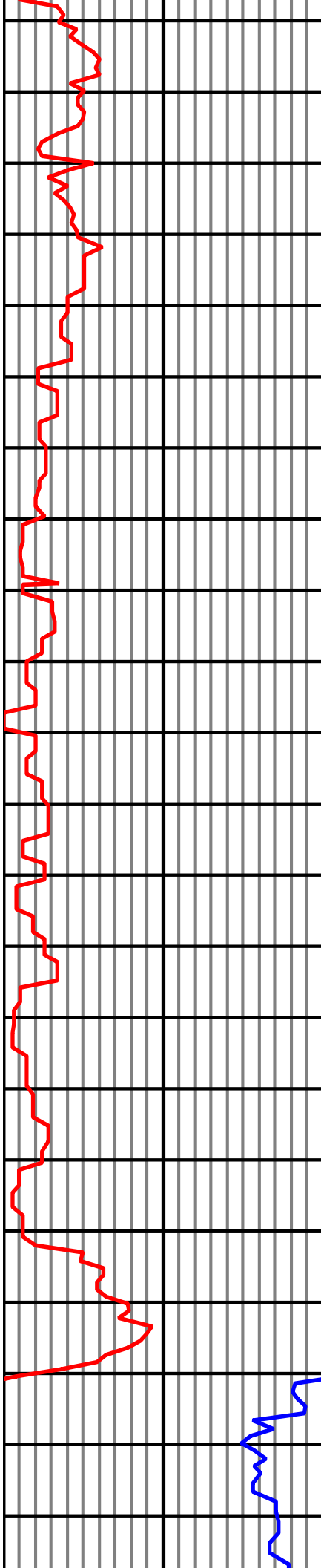
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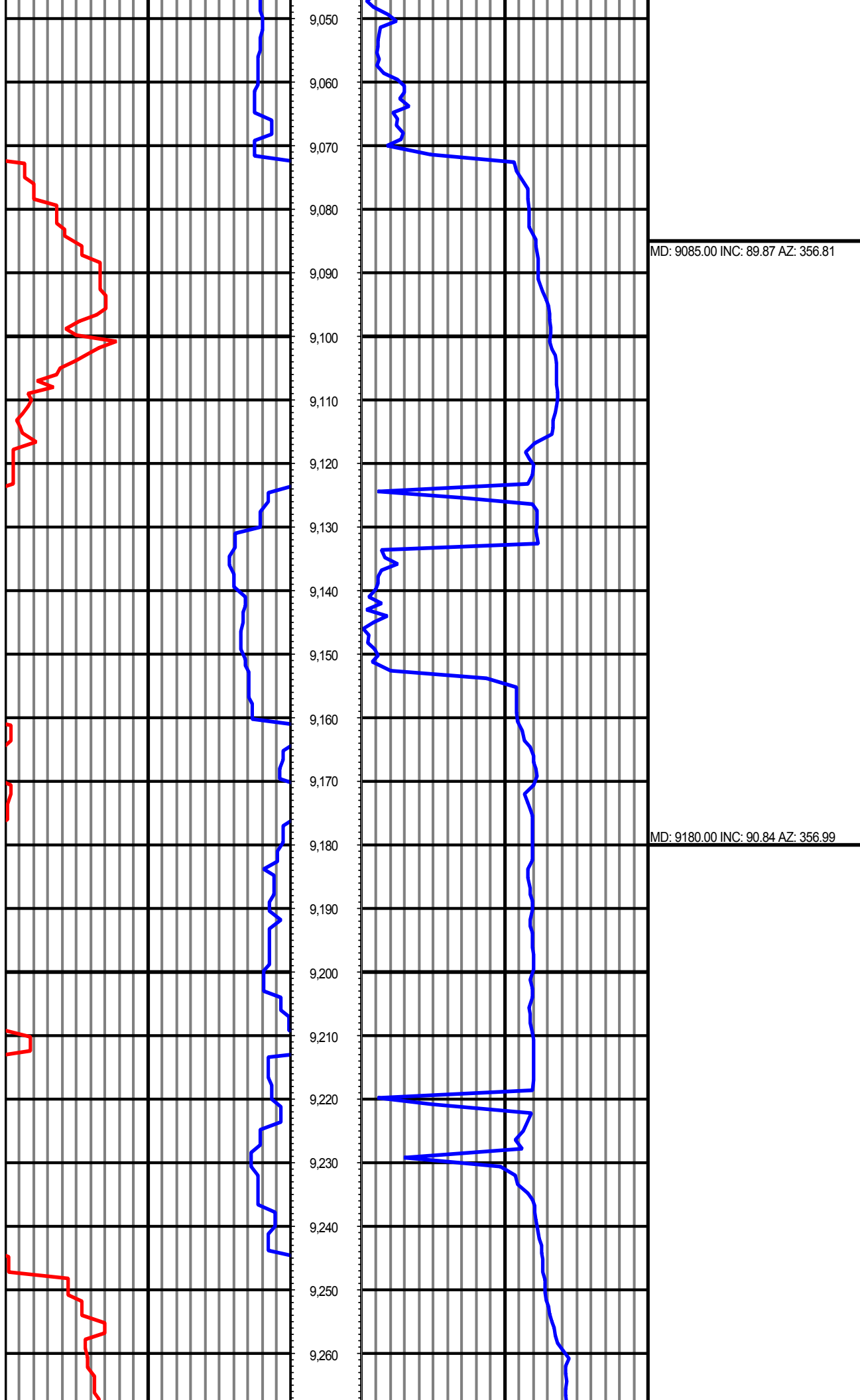
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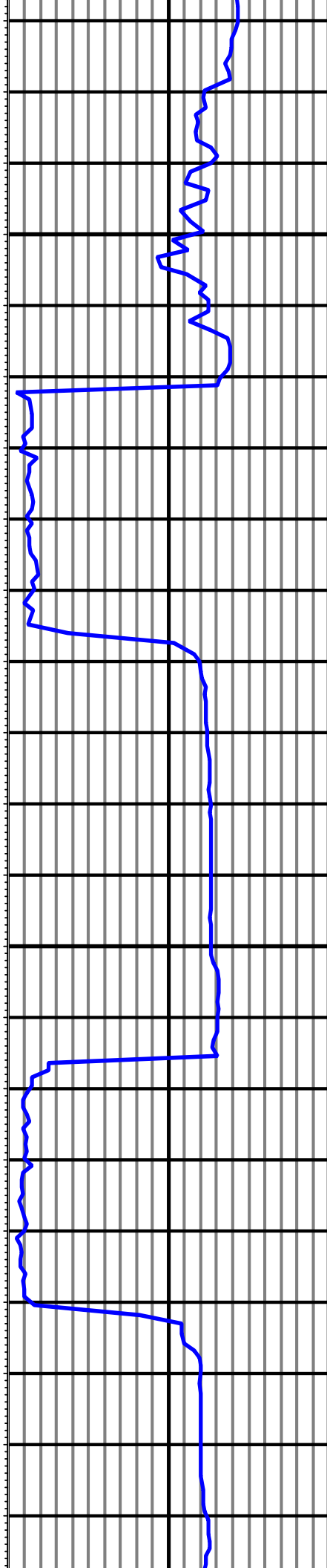
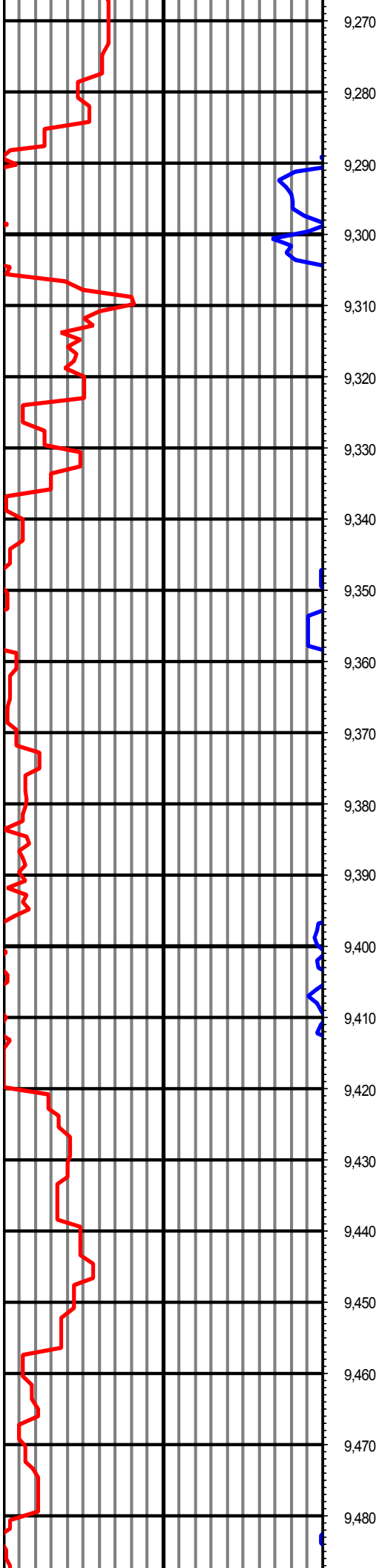




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MD: 8990.00 INC: 88.29 AZ: 356.63





MD: 9275.00 INC: 88.72 AZ: 355.40

MD: 9369.00 INC: 89.78 AZ: 356.46

MD: 9463.00 INC: 92.07 AZ: 357.51

